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v. 4

STATE OF ARKANSAS
ARKANSAS GEOLOGICAL SURVEY
GEORGE C. BRANNER
STATE GEOLOGIST

INFORMATION CIRCULAR 6

ELEVATIONS IN ARKANSAS

VOLUME IV

CONTAINING ELEVATIONS
OF
TOWNS AND COMMUNITY CENTERS
IN
LEE, LONOKE, MONROE,
PHILLIPS AND PRAIRIE
COUNTIES

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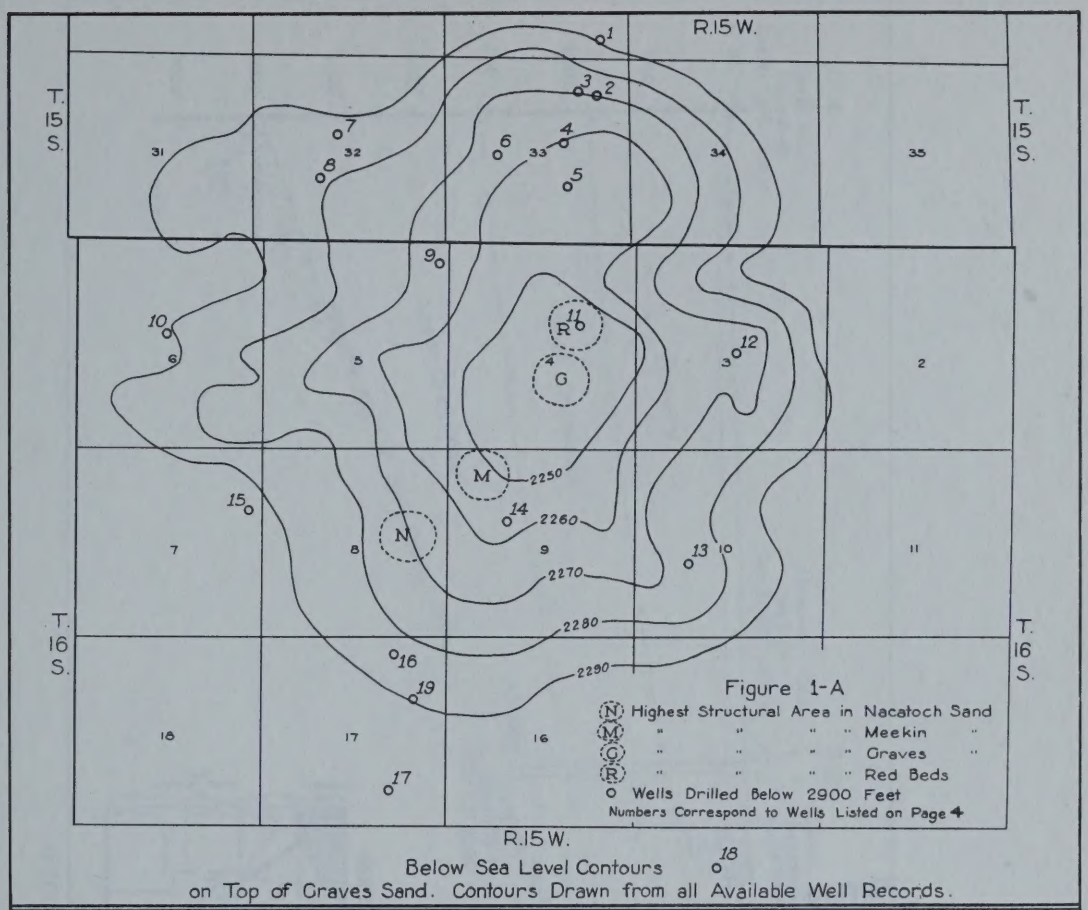
LITTLE ROCK
1936


R.15 W.
T. 15 S.
T. 16 S.
2250
2260
2270
2280
2290
N
M
G
R
Figure 1-A
Highest Structural Area in Nacatoch Sand
" " " " Meekin "
" " " " Graves "
" " " " Red Beds
Wells Drilled Below 2900 Feet
Numbers Correspond to Wells Listed on Page 4
R.15 W.
Below Sea Level Contours on Top of Graves Sand. Contours Drawn from all Available Well Records.

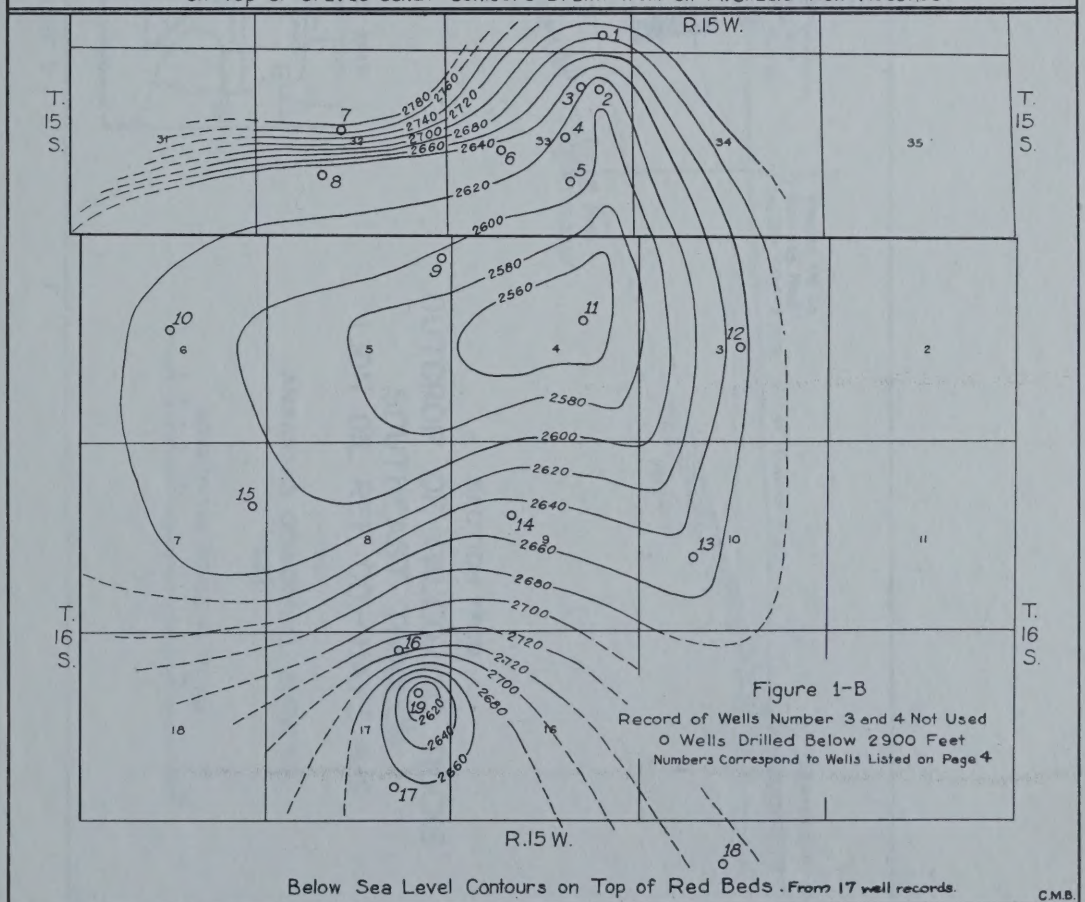

R.15 W.
T. 15 S.
T. 16 S.
2780
2740
2700
2660
2720
2680
2640
2620
2600
2580
2560
Figure 1-B
Record of Wells Number 3 and 4 Not Used
Wells Drilled Below 2900 Feet
Numbers Correspond to Wells Listed on Page 4
R.15 W.
Below Sea Level Contours on Top of Red Beds. From 17 well records.
C.M.B.

FIGURE 1

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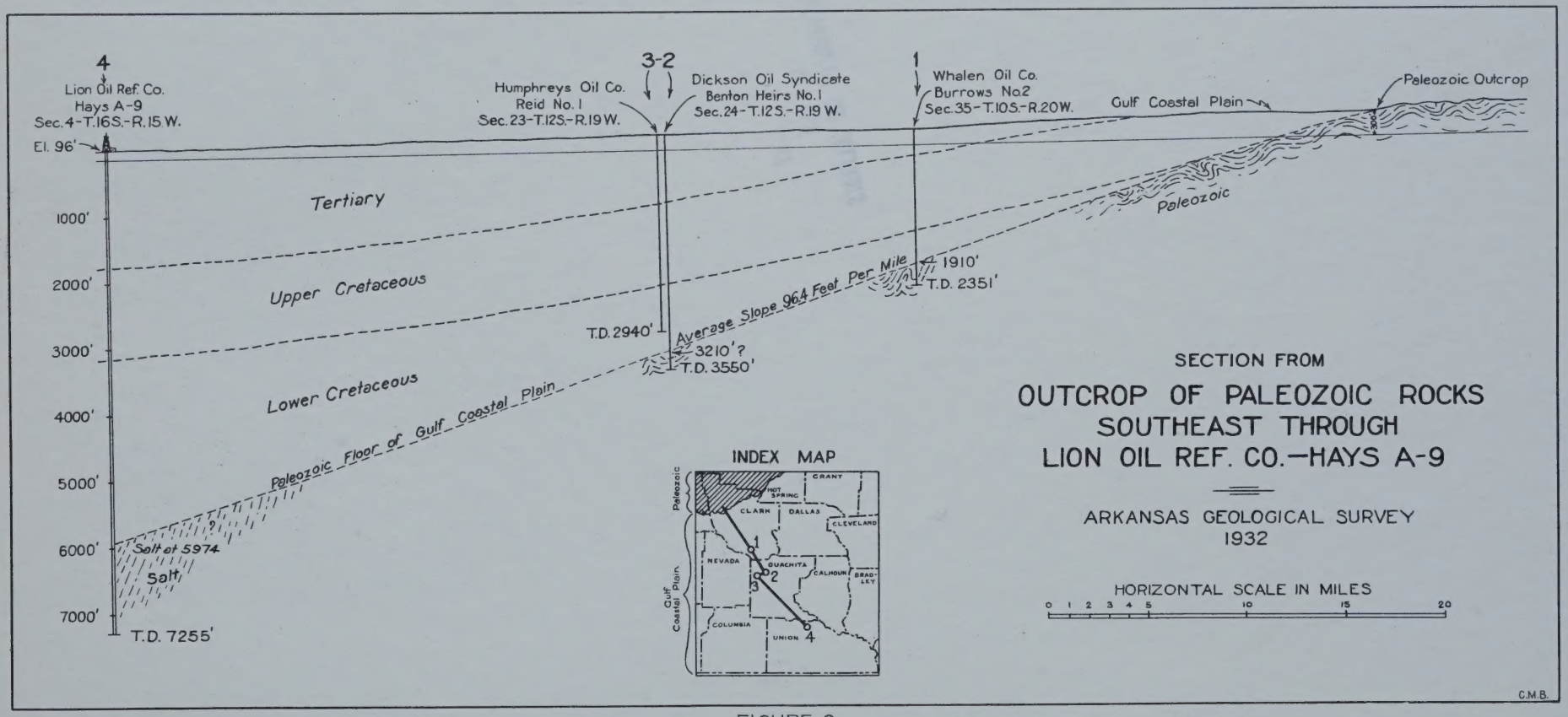
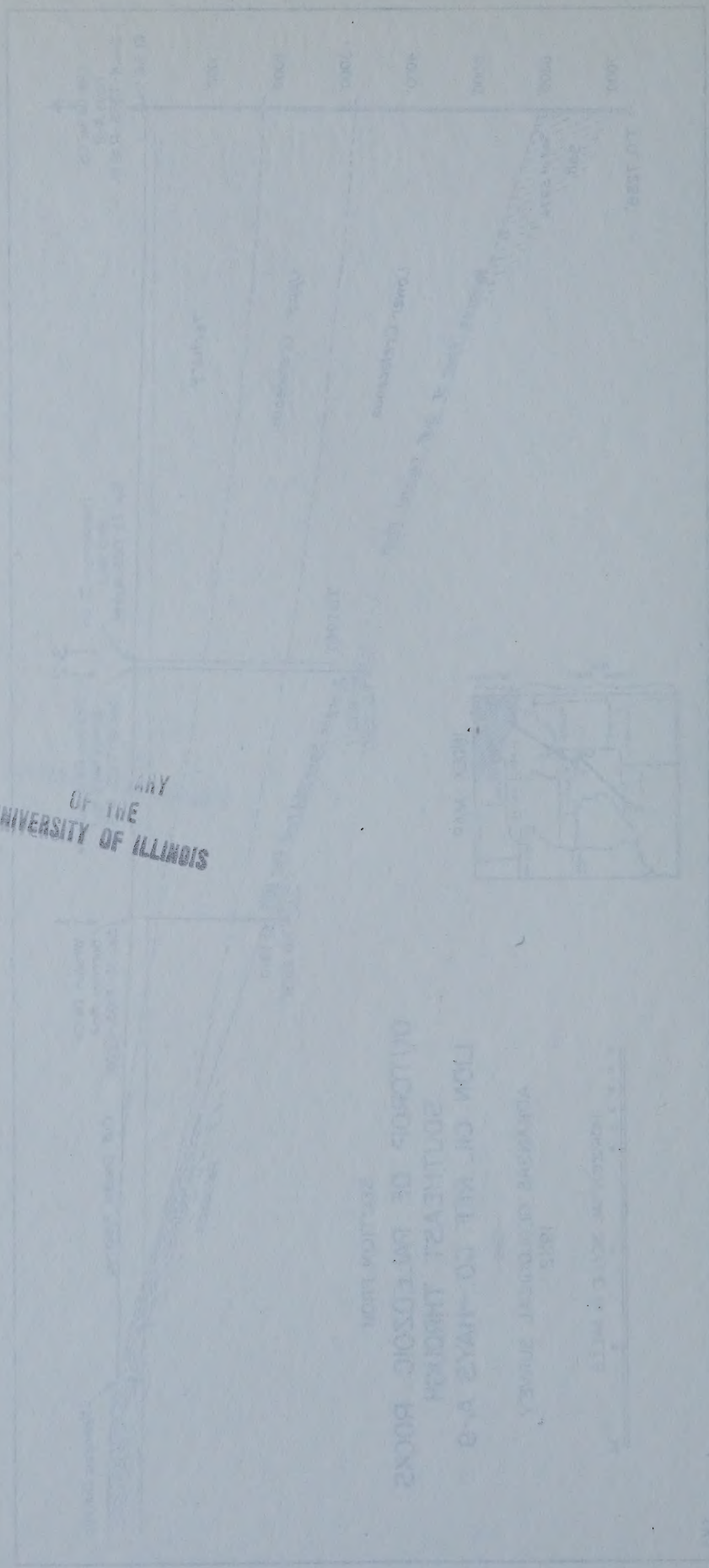

4
Lion Oil Ref. Co.
Hays A-9
Sec. 4-T. 16 S.-R. 15 W.
El. 96'
3-2
Humphreys Oil Co.
Reid No. 1
Sec. 23-T. 12 S.-R. 19 W.
Dickson Oil Syndicate
Benton Heirs No. 1
Sec. 24-T. 12 S.-R. 19 W.
1
Whalen Oil Co.
Burrows No. 2
Sec. 35-T. 10 S.-R. 20 W.
Gulf Coastal Plain
Paleozoic Outcrop
Tertiary
Upper Cretaceous
Lower Cretaceous
Paleozoic
Paleozoic Floor of Gulf Coastal Plain
Average Slope 96.4 Feet Per Mile
1910'
T.D. 2351'
T.D. 2940'
3210'?
T.D. 3550'
Salt at 5974
Salt
T.D. 7255'
1000'
2000'
3000'
4000'
5000'
6000'
7000'
INDEX MAP
Paleozoic
Gulf Coastal Plain
HOT SPRING
GRANT
CLARK
DALLAS
CLEVELAND
NEVADA
OUACHITA
CALHOUN
BRADLEY
COLUMBIA
UNION
SECTION FROM
OUTCROP OF PALEOZOIC ROCKS
SOUTHEAST THROUGH
LION OIL REF. CO.—HAYS A-9
ARKANSAS GEOLOGICAL SURVEY
1932
HORIZONTAL SCALE IN MILES
0 1 2 3 4 5 10 15 20
C.M.B.

FIGURE 2.



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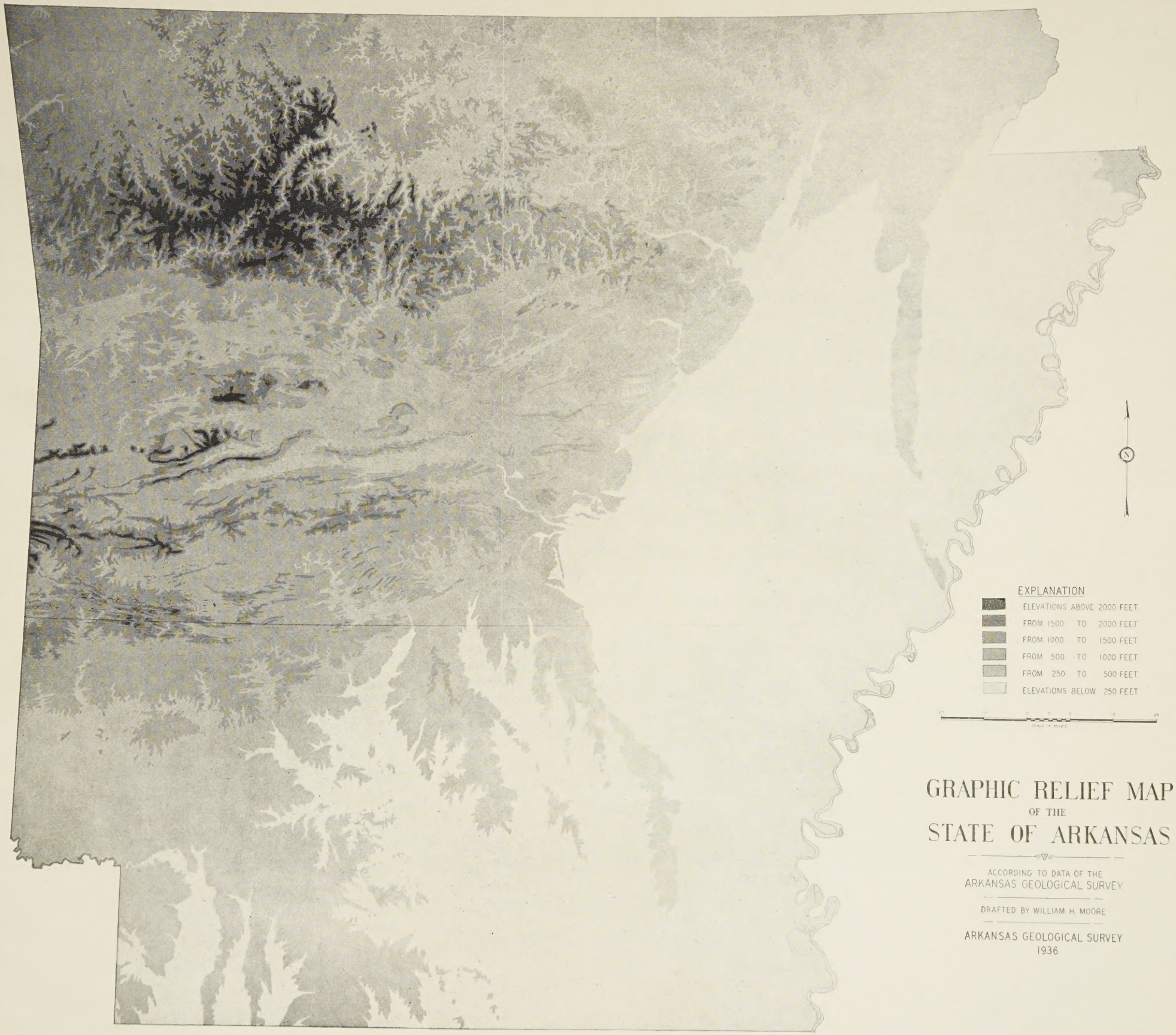
OF THE
UNIVERSITY OF ILLINOIS



EXPLANATION

ELEVATIONS ABOVE 2000 FEET
FROM 1500 TO 2000 FEET
FROM 1000 TO 1500 FEET
FROM 500 TO 1000 FEET
FROM 250 TO 500 FEET
ELEVATIONS BELOW 250 FEET

SCALE IN MILES

GRAPHIC RELIEF MAP
OF THE
STATE OF ARKANSAS

ACCORDING TO DATA OF THE
ARKANSAS GEOLOGICAL SURVEY

DRAFTED BY WILLIAM H. MOORE

ARKANSAS GEOLOGICAL SURVEY
1936

STATE OF ARKANSAS

ARKANSAS GEOLOGICAL SURVEY

George C. Branner

State Geologist

INFORMATION CIRCULAR 6

ELEVATIONS IN ARKANSAS

VOLUME IV

Containing elevations
of
Towns and Community Centers
in
Lee, Lonoke, Monroe, Phillips
and
Prairie Counties

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George C. Branner

LITTLE ROCK
1936

LETTER OF TRANSMITTAL

ARKANSAS GEOLOGICAL SURVEY

Little Rock, Arkansas

August 4, 1936.

Hon. J. M. Futrell,
Governor, State of Arkansas,
Little Rock, Arkansas.

Dear Governor Futrell:

The first official list of elevations in Arkansas was published in 1894 in Volume II of the Annual Report of the Geological Survey of Arkansas for 1891, by John C. Branner, State Geologist. A chapter in that report is entitled, "Elevations in the State of Arkansas" and contains a list of 1,935 elevations of cities, towns, post offices and other points. A second list of elevations was published in 1906 in United States Geological Survey Professional Paper 46, "Geology and Underground Water Resources of Northern Louisiana and Southern Arkansas," by A. C. Veatch. This list, which is entitled, "Altitudes in Southern Arkansas," gives the elevations of 754 points in 26 counties of the Gulf Coastal Plain of southern Arkansas.

In view of the continual demand by engineers and others on the State Geological Survey for elevations throughout the state and, as level lines aggregating many thousands of miles have been run by the United States Coast and Geodetic Survey, the United States Geological Survey, the Corps of Engineers, U. S. Army, the Arkansas Geodetic Survey, the engineering staffs of many of the railroads, and by engineers in private practice, since 1915 the results of which are published in some 258 reports, many of which are difficult to secure, it has become apparent that a new list should be compiled and the published lists brought down to date. The present set of nine volumes, which include 14,421 elevations from reliable sources, is an attempt to provide such a list. Especial effort has been made to include the elevations of practically all towns, community centers, and mountains.

The compilation of the elevations listed in this volume and the remaining eight volumes of the report was begun in 1929 and continued from time to time through 1930, 1931, and

1932 by the personnel of the Arkansas Geological Survey. In 1933 the work was considerably expedited by the United States Coast and Geodetic Survey-Civil Works Administration "Local Control Surveys" project in Arkansas under the direction of the writer and in which 420 men were employed and many hundreds of new elevations determined.

Through the interest of Captain R. C. Limerick, Director of Operations of the State Works Progress Administration, personnel has been supplied for the completion of the work. In October 1935, the work began to take final form under Project Supervisor Carroll Allison and was later brought to completion under Supervisor George A. Rogers.

Respectfully submitted,

George C. Branner,
State Geologist.

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- Cross index to level lines 64
- Descriptions and elevations 65

Monroe County Section
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Phillips County Section
- Cross index to level lines 103
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Prairie County Section
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INTRODUCTION

By George A. Rogers

ARRANGEMENT OF VOLUMES

The list of elevations in Arkansas which has recently been completed by the Arkansas Geological Survey with the assistance of personnel supplied by the Works Progress Administration contains the elevations of 14,421 points in Arkansas. For convenience in publication and use by engineers and others, the report has been divided into nine (9) volumes, each of which contains elevations in a single group of counties. The numbers of the volumes and the corresponding counties for which elevations are listed are as follows:

Vol. I	Calhoun, Clark, Columbia, Dallas, Hempstead, Lafayette, Little River, Miller, Nevada, Ouachita and Union.
Vol. II	Ashley, Bradley, Chicot, Desha and Drew.
Vol. III	Arkansas, Cleveland, Grant, Jefferson and Lincoln.
Vol. IV	Lee, Lonoke, Monroe, Phillips and Prairie.
Vol. V	Crittenden, Cross, Jackson, St. Francis and Woodruff.
Vol. VI	Clay, Craighead, Greene, Lawrence, Mississippi, Poinsett and Randolph.
Vol. VII	Baxter, Benton, Boone, Carroll, Cleburne, Crawford, Fulton, Independence, Izard, Madison, Marion, Newton, Searcy, Sharp, Stone, Van Buren and Washington.
Vol. VIII	Conway, Faulkner, Franklin, Johnson, Logan, Pope, Sebastian and White.
Vol. IX	Garland, Hot Spring, Howard, Montgomery, Perry, Pike, Polk, Pulaski, Saline, Scott, Sevier and Yell.

These county groups, together with the corresponding volume numbers, are shown in Plate V.

DATUM PLANES

The datum plane to which each elevation is referred is noted under each elevation description given. However, only

two reference datum planes are used in nearly all instances in the present volumes. These are (1) "Mean Sea Level" as determined by the 1929 General Adjustment of the First Order Level Net by the United States Coast and Geodetic Survey and (2) "Mean Gulf Level" as determined by the Mississippi River Commission in 1899. The first is used for all elevations determined by the United States Coast and Geodetic Survey, the United States Geological Survey, the Arkansas Geodetic Survey and a few others. The second is used for the elevations determined by the Corps of Engineer, United States Army, principally in eastern Arkansas and in areas subject to flood by the Mississippi River and its tributaries.

The difference between the published elevations based on the two datum planes is never greater than .4 foot in Arkansas and is not the same at all points.

The term "mean sea level" is often used rather broadly by engineers without much thought as to its true meaning. Theoretically, mean sea level is the level the sea would assume if all effects of wind and tide were eliminated. If we assume this theoretical level to conform to that of the ideal curvature of the earth on the Atlantic Ocean, the Pacific Ocean and the Gulf of Mexico, we would have an ideal "mean sea level." However, the United States Coast and Geodetic Survey, from results obtained by running 60,000 miles of precise level lines in the United States and from 20,000 miles of precise level lines by the Geodetic Survey of Canada, and many years of observing 26 tide gages, has arrived at the conclusion that this ideal condition does not exist.

The following tables show the relative position of the Gulf of Mexico and Atlantic and Pacific Ocean levels at a few of the principal tide gaging stations, always assuming that the actual mean of the tide reading at Galveston, Texas represents the "ideal mean sea level." The plus signs indicate that the sea is higher than at Galveston, Texas, the minus signs indicate that it is lower.

Gulf Coast	Feet
Galveston, Tex.	0.000
Pensacola, Fla.	- 0.164
Cedar Keys, Fla.	- 0.260
Atlantic Coast	
St. Augustine, Fla.	- 0.885
Cape May, N. J.	+ 0.065
Boston, Mass.	+ 0.229
Halifax, N. S.	+ 0.262

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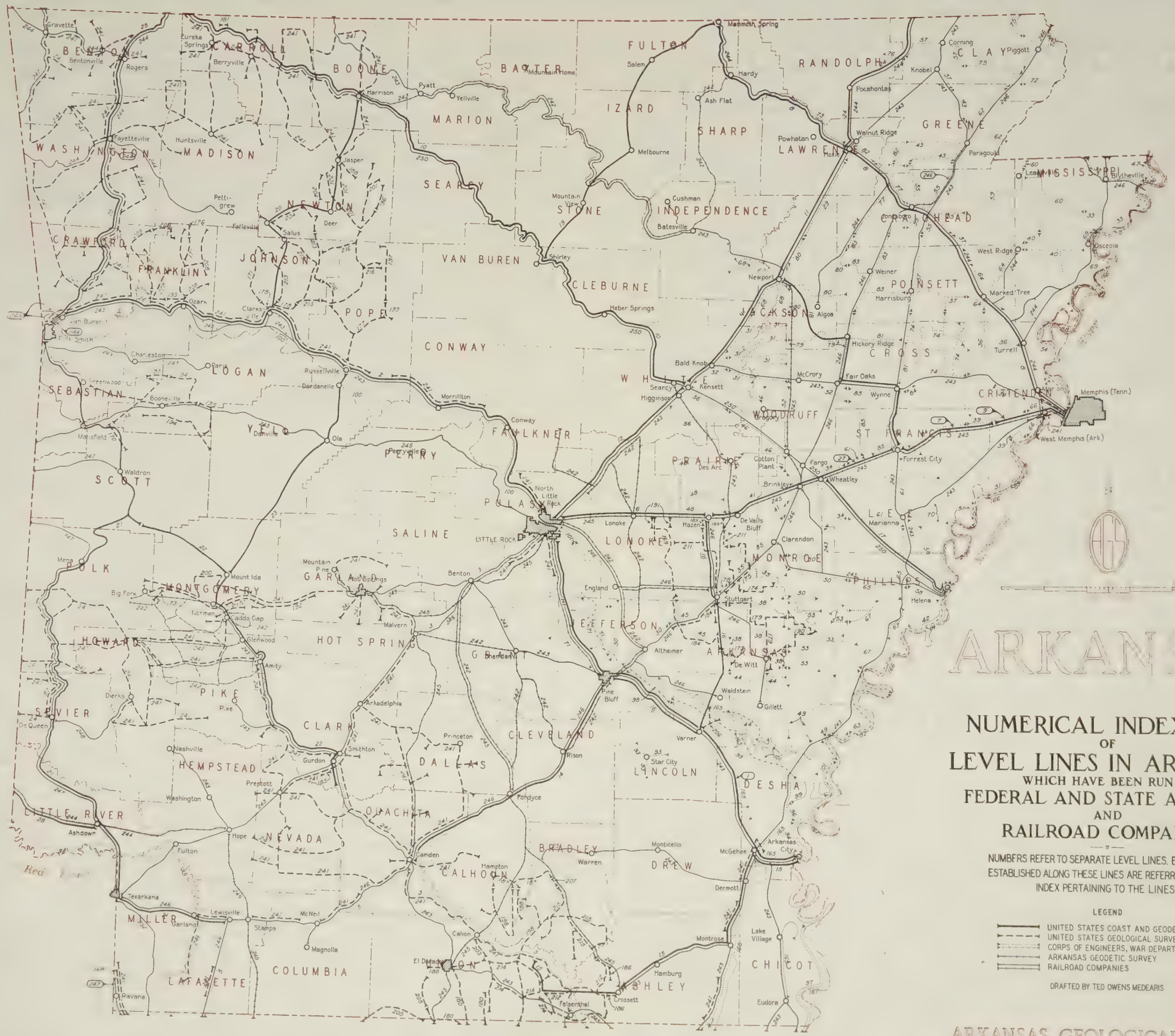


ARKANSAS

NUMERICAL INDEX MAP OF LEVEL LINES IN ARKANSAS

WHICH HAVE BEEN RUN BY

FEDERAL AND STATE AGENCIES

AND

RAILROAD COMPANIES

NUMBERS REFER TO SEPARATE LEVEL LINES. BENCHMARKS ESTABLISHED ALONG THESE LINES ARE REFERRED TO IN THE INDEX PERTAINING TO THE LINES.

LEGEND

- UNITED STATES COAST AND GEODETIC SURVEY
- UNITED STATES GEOLOGICAL SURVEY
- CORPS OF ENGINEERS, WAR DEPARTMENT
- ARKANSAS GEODETIC SURVEY
- RAILROAD COMPANIES

DRAFTED BY TED OWENS MEDEARIS

ARKANSAS GEOLOGICAL SURVEY

1962

Pacific Coast	Feet
San Diego, Cal.	+ 1.083
San Francisco, Cal.	+ 1.115
Seattle, Wash.	+ 1.575
Prince Rupert, B. C.	+ 1.903

Thus it is seen that there is actually lack of perfect conformity to the "ideal mean sea level" and if the sea occupied the space now occupied by the North American Continent and held its relative level as indicated by the tide gage readings, the surface of the sea at mean tide would be slightly warped instead of conforming to the ideal curvature of the earth.

With the adoption of the 1929 General Adjustment of the First Order Level Net of the United States Coast and Geodetic Survey these observed differences of the actual sea level were absorbed into the net by adjusting the elevations of the intersections of lines between gaging stations in proportion to their distances from the gaging stations. All elevations were then adjusted to the nearest intersections, the resulting datum being the "Mean Sea Level," which is one of the data used in this publication. The methods used in determining this datum are discussed in detail in an article, "The 1929 Adjustment of the Level Net," by H. H. Rappleye, of the United States Coast and Geodetic Survey, which appeared in the "Military Engineer," November-December, 1932, and in the United States Coast and Geodetic Survey Special Publication No. 166, "Geodetic Operations in United States," January 1, 1927 to December 31, 1929; by Wm. Bowie, and Special Publication No. 140 of the United States Coast and Geodetic Survey entitled "Manual of First-Order Leveling" by Henry C. Avers.

"Mean Gulf Level" is the datum used by the Corps of Engineers, United States Army, which was adopted by the Mississippi River Commission, June 21, 1899, and is based on a five year record of the automatic tide gage at Biloxi, Mississippi. Several railroads have also used this datum. Due to the fact that only one gaging station was used in determining this datum, the "warp" or "tilt" of the level of the sea, is not considered and the elevations given above the "Mean Gulf Level" are actually the vertical distances above the mean of the tide at Biloxi, corrected only for normal earth curvature. Consequently, the differences between "Mean Sea Level" and "Mean Gulf Level" are not constant in different areas. For example, at Memphis, Tennessee, elevations obtained from "Mean Gulf Level" are 0.294 feet higher than those obtained from "Mean Sea Level," while at Helena, Arkansas, those obtained from "Mean Gulf Level" are 0.099 feet higher than those obtained from "Mean Sea Level." In the detailed descriptions of authorities a conversion factor, if it is known, is noted.

The Cairo, Memphis and Vicksburg datum planes, formerly

used by the Mississippi River Commission in lieu of more accurate information, were considered as temporary only. Both were finally abandoned in 1930 and the Corps of Engineers, United States Army, now refer all of their elevations to the "Mean Gulf Level" datum.

The leveling operations conducted by the Corps of Engineers, United States Army, under the jurisdiction of the Mississippi River Commission, are of a high order of accuracy and have been used in their studies of the lands subject to flood along the Mississippi River and its tributaries. This leveling was not included as a whole, in the 1929 General Adjustment. It is to be hoped that in the future connections may be made between all of the United States Corps of Engineers lines and those of the Coast and Geodetic Survey, and adjustments made so that eventually the "Mean Gulf Level" datum can be abandoned and all elevations in the United States and Canada referred to one datum, i.e., "Mean Sea Level," 1929 adjustment.

ARKANSAS AUTHORITIES USED

United States Coast and Geodetic Survey

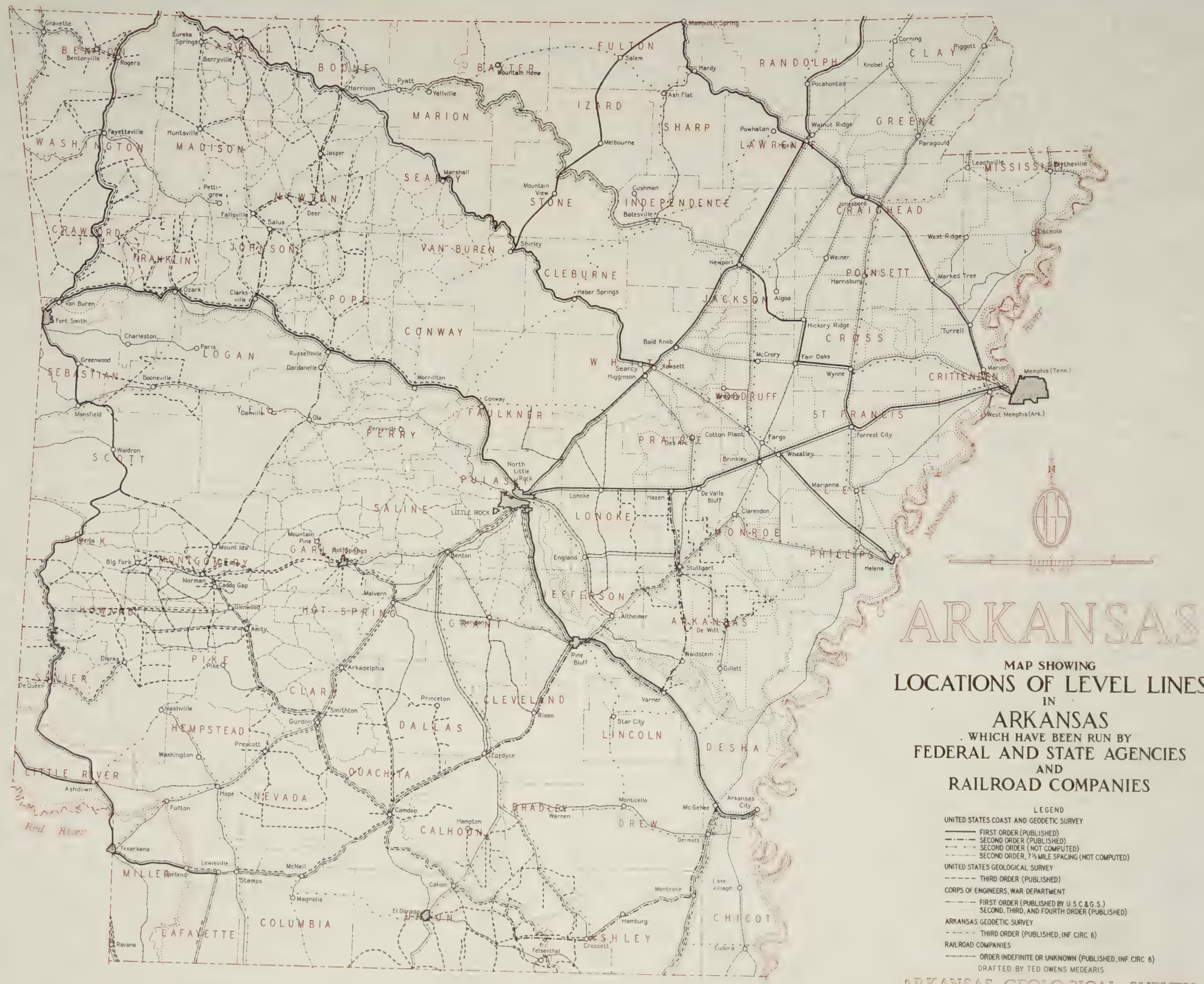
Of first importance is the First Order Level Net of the United States of the Coast and Geodetic Survey, comprising 2,000 miles of first order accuracy levels and 550 miles of second order accuracy levels in Arkansas. This is included in the 1929 General Adjustment and referred to the "Mean Sea Level" datum. The elevations determined are given in this publication. Additional second order lines with partially completed areas, in which the level lines are spaced at intervals of 7½ miles, were executed in 1935. The elevations determined by this latter survey are not yet available.

United States Geological Survey

In mapping 7½, 15 and 30 minute quadrangles in Arkansas, the United States Geological Survey, has completed many hundreds of miles of levels to supply the necessary vertical control. Thousands of permanent and temporary bench marks have been established by this agency and their descriptions and elevations are referred to "Mean Sea Level" and are listed in this publication.

Corps of Engineers, United States Army

Acting under the authority of the Mississippi River Commission, the Corps of Engineers, United States Army, have executed many hundreds of miles of levels of first and third order accuracy along the Mississippi River and its tributaries. This work was done under the direction of the Memphis, Tennessee, and Vicksburg, Mississippi, district offices. All bench marks placed by this agency have been described and ele-



ARKANSAS

MAP SHOWING

LOCATIONS OF LEVEL LINES IN ARKANSAS

WHICH HAVE BEEN RUN BY

FEDERAL AND STATE AGENCIES AND RAILROAD COMPANIES

LEGEND

UNITED STATES COAST AND GEODETIC SURVEY

- FIRST ORDER (PUBLISHED)
- SECOND ORDER (PUBLISHED)
- SECOND ORDER (NOT COMPUTED)
- SECOND ORDER, 7½ MILE SPACING (NOT COMPUTED)

UNITED STATES GEOLOGICAL SURVEY

- THIRD ORDER (PUBLISHED)

CORPS OF ENGINEERS, WAR DEPARTMENT

- FIRST ORDER (PUBLISHED BY U.S.C.&G.S.)
- SECOND, THIRD, AND FOURTH ORDER (PUBLISHED)

ARKANSAS GEODETIC SURVEY

- THIRD ORDER (PUBLISHED, INF. CIRC 6)

RAILROAD COMPANIES

- ORDER INDEFINITE OR UNKNOWN (PUBLISHED, INF. CIRC 6)

DRAFTED BY TED OWENS MEDEARIS

ARKANSAS GEOLOGICAL SURVEY

1954

vations given. These elevations are referred to "Mean Gulf Level."

Arkansas Geodetic Survey

Leveling and traverse operations were performed during the winter of 1933-1934 by the Civil Works Administration under the auspices of the United States Coast and Geodetic Survey. This work is of third order accuracy and is referred to the "Mean Sea Level" datum. A considerable number of these elevations are given.

Railroad Elevations

Elevations were obtained from all of the major railroads operating in Arkansas which, for the most part, are given. In some cases condensed profiles were available while in others lists of depots were given with a track elevation for each depot. Although the reference datum of some of these elevations is not certain, all available information is given in the detailed description of the authority.

Estimated Elevations

The elevations of towns, community centers, and mountains, where no bench marks are located, were taken from the topographic quadrangle maps published by the United States Geological Survey, the Corps of Engineers, United States Army, or from the state topographic map published by the Arkansas Geological Survey. In all cases these elevations are shown as "estimated," and are referred to the datum used on the map from which the elevations were estimated.

ACKNOWLEDGMENTS

Acknowledgment is made of the use of data by and appreciation is expressed for cooperation of the United States Coast and Geodetic Survey, the United States Geological Survey, Corps of Engineers, United States Army, Mississippi River Commission, St. Louis-San Francisco Railway, Missouri Pacific Railroad, Chicago Rock Island and Pacific Railway, St. Louis Southwestern Railway, Kansas City Southern Railway, DeQueen & Eastern Railway, Louisiana & Arkansas Railway, Missouri and North Arkansas Railroad, Warren and Ouachita Valley Railroad and the Texas and Pacific Railway.

ABBREVIATIONS

The following abbreviations are used:

Ane	Aneroid
AGS	Arkansas Geological Survey
A Geod S	Arkansas Geodetic Survey
Bar	Barometer
BM	Bench Mark
c/l	Center Line
cor	Corner
Co	County
CRI&P	Chicago Rock Island & Pacific Railway
DQ&E	DeQueen & Eastern Railway
E	East or easterly
Elev or elev	Elevation
Est or est	Estimated
ft	Feet
Hwy or hwy	Highway
KCS	Kansas City Southern Railway
L&A	Louisiana & Arkansas Railway
lat	Latitude
long	Longitude
Lt or lt	Left
M&NA	Missouri and North Arkansas Railroad
MGL	Mean Gulf Level
Mi or mi	Miles
MP	Missouri Pacific Railroad
MRC	Mississippi River Commission
MSL	Mean Sea Level (1929 General Adjustment)
N	North or northerly
PBM	Permanent Bench Mark
PI	Point of intersection
R	Range
Rd or rd	Road
Rt or rt	Right
RR	Railroad
Ry	Railway
sec	Section
S	South or southerly
SL	Spirit Level
St or st	State
SLSF	St. Louis-San Francisco Railway
SLSW	St. Louis Southwestern Railway
Sta	Station (Survey Station)
T	Township
TBM	Temporary Bench Mark
TP	The Texas & Pacific Railway
TT	Transit Traverse
USC&GS	United States Coast and Geodetic Survey

USE	Corps of Engineers, United States Army
USGS	United States Geological Survey
W	West or westerly
W&OV	Warren & Ouachita Valley Railway

DETAILED DESCRIPTIONS OF AUTHORITIES

REFERRED TO IN THIS VOLUME

(USC&GS 6)

UNITED STATES COAST AND GEODETIC SURVEY, first-order leveling. Little Rock to Hazen, Ark. Standard elevations, in feet above mean sea level, based on the 1929 General Adjustment of the First-order Level Net. Line follows Chicago, Rock Island & Pacific Railway. Field work done in 1916.

(USC&GS 11)

UNITED STATES COAST AND GEODETIC SURVEY, first-order leveling. Kensett to Hoxie, Ark. Standard elevations, in feet above mean sea level, based on the 1929 General Adjustment of the First-order Level Net. Line follows Missouri Pacific Railroad from Kensett, through Bald Knob and Newport, to Hoxie. Field work done in 1931-32.

(USC&GS 12)

UNITED STATES COAST AND GEODETIC SURVEY, first-order leveling. Kensett to Little Rock, Ark. Standard elevations, in feet above mean sea level, based on the 1929 General Adjustment of the First-order Level Net. Line follows the Missouri Pacific Railroad from Kensett, through Higginson, Austin, and Jacksonville, to Little Rock. Field work done in 1931-32.

(USC&GS 16)

UNITED STATES COAST AND GEODETIC SURVEY, second-order leveling. Grady to Hazen, Ark. Standard elevations, in feet above mean sea level, based on the 1929 General Adjustment of the First-order Level Net. Line follows Missouri Pacific Railroad from Noble Lake, through Moscow, Tamo, and Grady, to Varner, thence along roads through Reydell, Bayou Meto, Hagler, and DeWitt to Stuttgart, thence along the St. Louis Southwestern Railway through Slovak to Hazen. Field work done in 1932.

(USC&GS 17)

UNITED STATES COAST AND GEODETIC SURVEY, first-order leveling. Wheatley to Helena, Ark. Standard elevations, in feet above mean sea level, based on the 1929 General Adjustment of the First-order Level Net. Line follows Missouri & North Arkansas Railway from Wheatley, through Moro, Aubrey, Rondo, and North Lexa, to Helena, Ark. At Helena, the line crosses the Mississippi River and proceeds south along the levee to Friar Point, Miss., and north along the levee to Austin, Miss. The line was run as a second-order line in March 1932, and was rerun in January 1933. The elevations given are those resulting from a combination of the two runnings.

(USC&GS 18)

UNITED STATES COAST AND GEODETIC SURVEY, first-order leveling. Forrest City to Newport, Ark. Standard elevations, in feet above mean sea level, based on the 1929 General Adjustment of the First-order Level Net. Line follows Missouri Pacific

Railroad from Forrest City, through Wynne to Fair Oaks, the St. Louis Southwestern Railway from Fair Oaks to Hickory Ridge, and state highways from Hickory Ridge through McFadden and Beedeville, to Newport. Line was run as a second-order line during 1932, and was rerun during 1932-33. The elevations given are those resulting from a combination of the two runnings.

(USC&GS 27)

UNITED STATES COAST AND GEODETIC SURVEY, first-order leveling. Hazen to Forrest City, Ark. Standard elevations, in feet above mean sea level, based on the 1929 General Adjustment of the First-order Level Net. Line follows Chicago, Rock Island & Pacific Railway from Hazen, through Wheatley, to Forrest City. Original field work done in 1916. In 1932-33, line was rerun. The elevations given are those based on the later leveling.

(USE 34)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District, Brinkley quadrangle. The elevations in this quadrangle are from the following sources:

U.S.C.& G. Survey first-order levels between Little Rock and Memphis and Memphis and Monett.

U.S.E.D. surveys for St. Francis River and for establishing zero of gages on tributary streams to Mississippi River.

U.S.E.D. survey of the Alluvial Valley of the Mississippi River.

The elevations as given in the quadrangle tabulation are the results of an adjutment made by the Memphis Engineer District in 1932. This adjustment is based on the assumption that the elevations of the following points are as shown here, said elevations being secured from the 1929 adjustment of the U.S.C.& G. Survey.

U.S.C.& G. "Memphis (old) at Memphis - 264.304 C.&G.value
U.S.C.& G. "O" at Little Rock - 288.684 C.&G.value
U.S.C.& G. "Brinkley" at Brinkley - 207.473 C.&G.value
U.S.C.& G. "Mesa" at DeValls Bluff - 223.103 C.&G.value
U.S.C.& G. "H-4" at Marked Tree - 226.738 C.&G.value
U.S.C.& G. "Q-3" at Nettleton - 249.064 C.&G.value

0.294 feet was added to these elevations to convert to mean gulf level.

All elevations given in this quadrangle are in feet above mean gulf level and are subject to final adjustment based on precise lines run subsequent to third-order lines herein listed.

(USE 35)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District, Clarendon quadrangle. The elevations in this quadrangle are from the following sources:

U.S.C.& G. Survey levels between Little Rock and Memphis.

M.R.C. levels for establishing zero of gages.

U.S.E.D. survey of the Alluvial Valley of the Mississippi River.

The elevations as given in the quadrangle tabulation are the results of an adjustment made by the Memphis Engineer District in

1932. This adjustment is based on the assumption that the elevations of the following points are as shown here, said elevations being secured from the 1929 adjustment of the U.S.C.& G. Survey.

U.S.C.& G. "Memphis" (old) at Memphis - 264.304 C.& G.value
U.S.C.& G. "0" at Little Rock - 288.684 C.& G.value
U.S.C.& G. "Mesa" at DeValls Bluff - 223.103 C.& G.value
U.S.C.& G. "Forrest" at Forrest City - 372.627 C.& G.value

0.294 feet was added to these elevations to convert to mean gulf level.

All elevations given for points in this quadrangle are in feet above mean gulf level.

Geographic positions, North American Datum, of survey marks in this quadrangle were established by Memphis Engineer District during 1930-31. The positions given are from preliminary adjustments and are subject to final adjustments based on precise lines run subsequent to third-order lines herein listed.

(USE 41)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District, DeValls Bluff quadrangle. The elevations in this quadrangle are from the following sources:

U.S.C.& G. Survey levels between Memphis and Little Rock and Memphis and Monett.

U.S.E.D. surveys for White River.

U.S.E.D. surveys for the Alluvial Valley of the Mississippi River.

The elevations as given in the quadrangle tabulations are the results of an adjustment made by the Memphis Engineer District in 1932. This adjustment is based on the assumption that the elevations of the following points are as shown here, said elevations being secured from the 1929 adjustment of the U.S.C.& G. Survey.

U.S.C.& G. "Memphis" (old) at Memphis - 264.304 C.&G.value
U.S.C.& G. "0" at Little Rock - 288.684 C.&G.value
U.S.C.& G. "Brinkley"at Brinkley - 207.473 C.&G.value
U.S.C.& G. "H-4" at Marked Tree - 226.738 C.&G.value
U.S.C.& G. "Q-3" at Nettleton - 249.064 C.&G.value

0.294 feet was added to these elevations to convert to mean gulf level.

All elevations given for points in this quadrangle are in feet above mean gulf level and are subject to final adjustment based on precise lines run subsequent to third-order lines herein listed.
Revised 12-15-33.

(USE 42)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District, Farrell quadrangle. The elevations in this quadrangle are from the following sources;

U.S.C.& G. Survey first-order levels between Little Rock and Memphis.

U.S.E.D. survey of the Alluvial Valley of the Mississippi River.

M.R.C. levels along Mississippi River.
U.S.G.S. Survey of Tallahatchie Drainage District.
The elevations as given in the quadrangle tabulation are the results of an adjustment made by the Memphis Engineer District in 1932. This adjustment is based on the assumption that the elevations of the following points are as shown here, said elevations being secured from the 1929 adjustment of the U.S.C. & G. Survey.

U.S.C.& G. "Memphis" (old) at Memphis - 264.304 C.& G. value
U.S.C.& G. "O" at Little Rock - 288.684 C.& G. value
U.S.C.& G. "Forrest" at Forrest City - 372.627 C.& G. value

0.294 feet was added to these elevations to convert to mean gulf level.
The elevation of B.M. North Base at Helena is taken as 186.033 M.G.L.
The elevation of B.M. 59 is taken as 173.735 M.G.L.
All elevations given in this quadrangle are in feet above mean gulf level and are subject to final adjustment based on precise lines run subsequent to third-order lines herein listed. Revised 12-15-33.

(USE 46)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District, Gregory quadrangle. The elevations in this quadrangle are from the following sources:
U.S.C.& G. Survey levels between Little Rock and Memphis, and Monett and Memphis.
U.S.E.D. surveys for White River.
U.S.E.D. survey of the Alluvial Valley of the Mississippi River.
The elevations as given in the quadrangle tabulation are the results of an adjustment made by the Memphis Engineer District in 1932. This adjustment is based on the assumption that the elevations of the following points are as shown here, said elevations being secured from the 1929 adjustment of the U.S.C.& G. Survey.

U.S.C.& G. "Memphis" (old) at Memphis - 264.304 C.& G. value
U.S.C.& G. "O" at Little Rock - 288.684 C.& G. value
U.S.C.& G. "S-2" at Hoxie - 267.759 C.& G. value
U.S.C.& G. "Brinkley" at Brinkley - 207.473 C.& G. value
U.S.C.& G. "Mesa" at DeValls Bluff - 223.103 C.& G. value

0.294 feet was added to these elevations to convert to mean gulf level.
All elevations given for points in the quadrangle are in feet above mean gulf level and are subject to final adjustment based on precise lines run subsequent to third-order lines herein listed. Revised 12-15-33.

(USE 48)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District, Hazen quadrangle. The elevations in this quadrangle are from the following sources:
U.S.C.& G. Survey levels between Little Rock and Memphis.
U.S.E.D. survey of the Alluvial Valley of the Mississippi River.

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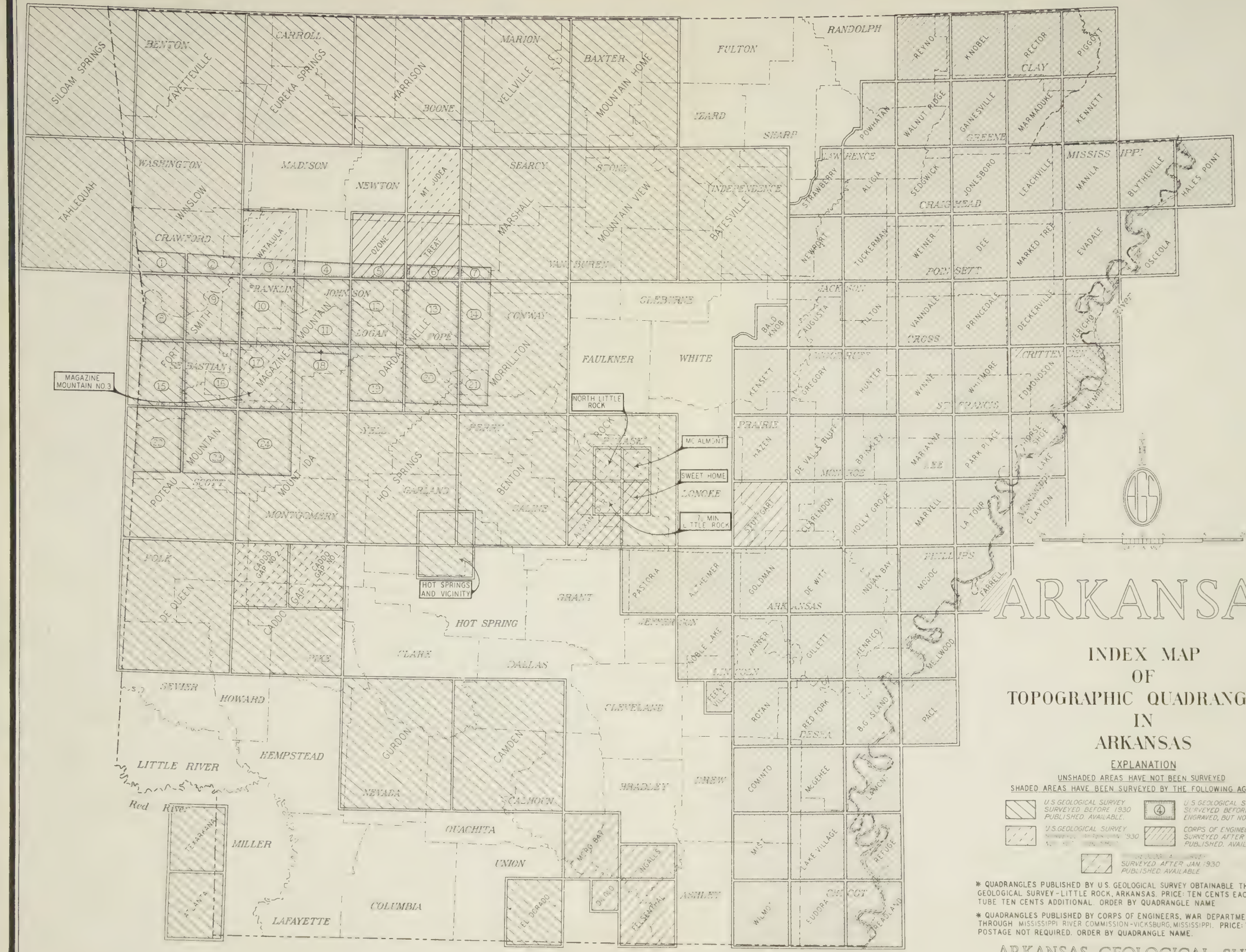


ARKANSAS

INDEX MAP OF TOPOGRAPHIC QUADRANGLES IN ARKANSAS

EXPLANATION

UNSHADED AREAS HAVE NOT BEEN SURVEYED

SHADED AREAS HAVE BEEN SURVEYED BY THE FOLLOWING AGENCIES

- U.S. GEOLOGICAL SURVEY SURVEYED BEFORE 1930 PUBLISHED. AVAILABLE.
- U.S. GEOLOGICAL SURVEY SURVEYED BEFORE 1930 ENGRAVED, BUT NOT FOR DISTRIBUTION
- U.S. GEOLOGICAL SURVEY [illegible] 1930
- CORPS OF ENGINEERS, WAR DEPARTMENT SURVEYED AFTER JAN. 1930 PUBLISHED. AVAILABLE.
- [illegible] SURVEYED AFTER JAN. 1930 PUBLISHED. AVAILABLE

* QUADRANGLES PUBLISHED BY U.S. GEOLOGICAL SURVEY OBTAINABLE THROUGH ARKANSAS GEOLOGICAL SURVEY - LITTLE ROCK, ARKANSAS. PRICE: TEN CENTS EACH. POSTAGE AND TUBE TEN CENTS ADDITIONAL. ORDER BY QUADRANGLE NAME.

* QUADRANGLES PUBLISHED BY CORPS OF ENGINEERS, WAR DEPARTMENT, OBTAINABLE THROUGH MISSISSIPPI RIVER COMMISSION - VICKSBURG, MISSISSIPPI. PRICE: TEN CENTS EACH. POSTAGE NOT REQUIRED. ORDER BY QUADRANGLE NAME.

ARKANSAS GEOLOGICAL SURVEY

1936

The elevations as given in the quadrangle tabulation are the results of an adjustment made by the Memphis Engineer District in 1932. This adjustment is based on the assumption that the elevations of the following points are as shown here, said elevations being secured from the 1929 adjustment of the U.S.C. & G. Survey.

U.S.C.& G. "Memphis" (old) at Memphis - 264.304 C.&G.value
U.S.C.& G. "O" at Little Rock - 288.684 C.&G.value
U.S.C.& G. "M" at Pine Bluff - 228.845 C.&G.value
U.S.C.& G. "Prairie" at Prairie Center- 239.773 C.&G.value
U.S.C.& G. "Mesa" at DeValls Bluff - 223.103 C.&G.value

0.294 feet was added to these elevations to convert to mean gulf level.

All elevations given for points in this quadrangle are in feet above mean gulf level and are subject to final adjustment based on precise lines run subsequent to third-order lines herein listed.

(USE 50)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District, Holly Grove quadrangle. The elevations in this quadrangle are from the following sources:

U.S.C.& G. Survey levels between Little Rock and Memphis.

M.R.C. levels along Mississippi River and for establishing elevations of zero of gages on tributaries.

U.S.E.D. survey of the Alluvial Valley of the Mississippi River. The elevations as given in the quadrangle tabulation are the results of an adjustment made by the Memphis Engineer District in 1932. This adjustment is based on the assumption that the elevations of the following points are as shown here, said elevations being secured from the 1929 adjustment of the U.S.C.& G. Survey.

U.S.C.& G. "Memphis" (old) at Memphis - 264.304 C.&G.value
U.S.C.& G. "O" at Little Rock - 288.684 C.&G.value
U.S.C.& G. "Forrest" at Forrest City - 372.627 C.&G.value
U.S.C.& G. "Brinkley" at Brinkley - 207.473 C.&G.value

0.294 feet was added to these elevations to convert to mean gulf level.

The elevation of B.M. North Base at Helena is taken as 186.033 M.G.L.

All elevations given in this quadrangle are in feet above mean gulf level and are subject to final adjustment based on precise lines run subsequent to third-order lines herein listed.

(USE 51)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District, Horseshoe Lake quadrangle. The elevations in this quadrangle are from the following sources:

U.S.C.& G. Survey first-order levels between Little Rock and Memphis.

M.R.C. levels along the Mississippi River.

U.S.E.D. survey of the Alluvial Valley of the Mississippi River.

U.S.G. survey of Tallahatchie Drainage District.

The elevations as given in the quadrangle tabulation are the results of an adjustment made by the Memphis Engineer District in 1932. This adjustment is based on the assumption that the elevations of the following points are as shown here, said elevations being secured from the 1929 adjustment of the U.S.C.&G. Survey.

U.S.C.& G. "Memphis" (old) at Memphis - 264.304 C.&G.value
U.S.C.& G. "0" at Little Rock - 288.684 C.&G.value
U.S.C.& G. "Forrest" at Forrest City - 372.627 C.&G.value

0.294 feet was added to these elevations to convert to mean gulf level.

The elevations of B.M. North Base at Helena is taken as 186. 033 M.G.L.

The elevation of B.M. Commerce is taken as 196.816 M.G.L.

All elevations given in this quadrangle are in feet above mean gulf level and are subject to final adjustment based on precise lines run subsequent to third-order lines herein listed.

(USE 53)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District, Indian Bay quadrangle. The elevations in this quadrangle are from the following sources:

U.S.C.& G. Survey levels between Little Rock and Memphis.

M.R.C. levels along Mississippi River; levels for establishing gages on tributary streams, and U.S.E.D. survey of the Alluvial Valley of the Mississippi River.

The elevations as given in the quadrangle tabulation are the results of an adjustment made by the Memphis Engineer District in 1932. This adjustment is based on the assumption that the elevations of the following points are as shown here, said elevations being secured from the 1929 adjustment of the U.S.C.& G. Survey.

U.S.C.& G. "Memphis" (old) at Memphis - 264.304 C.&G.value
U.S.C.& G. "0" at Little Rock - 288.684 C.&G.value
U.S.C.& G. "Mesa" at DeValls Bluff - 223.103 C.&G.value
U.S.C.& G. "Forrest" at Forrest City - 372.627 C.&G.value

0.294 feet was added to these elevations to convert to mean gulf level, the 0.294 feet being the difference between the U.S. C.& G. S. and the M.R.C. determinations at Memphis, Tennessee.

The elevation of B.M. North Base at Helena is taken as 186.033 M.G.L.

All elevations given for points in this quadrangle are in feet above mean gulf level and are subject to final adjustment based on precise lines run subsequent to third-order lines herein listed.

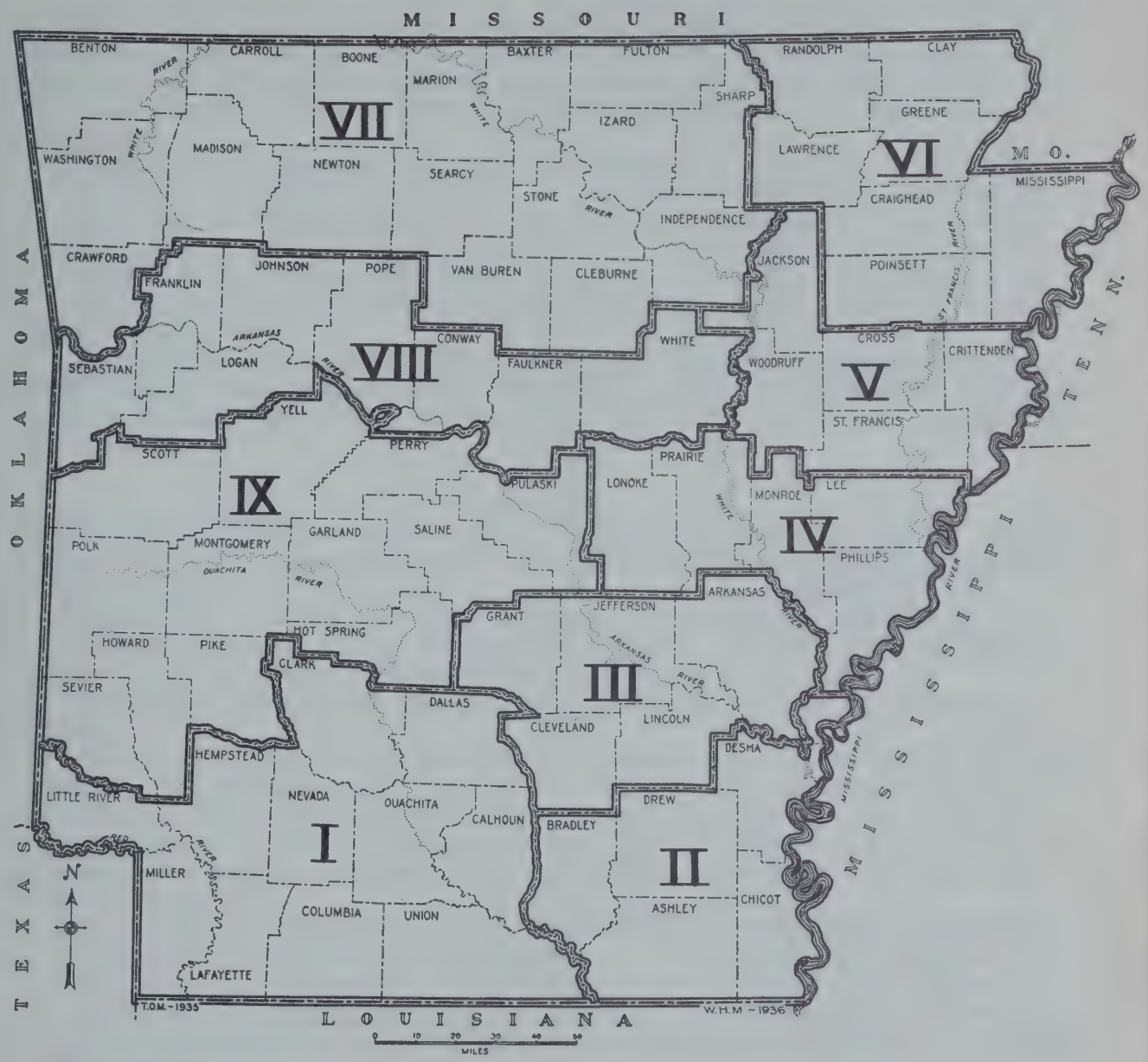
(USE 56)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District, Kensett quadrangle. The elevations in this quadrangle are from the following sources:

U.S.C.& G. Survey levels between Little Rock and Memphis and between Monett and Memphis.

U.S.E.D. survey of the Alluvial Valley of the Mississippi River.

U.S.E.D. surveys for White River.



MAP SHOWING
GROUPS OF COUNTIES
FOR WHICH
ELEVATIONS ARE PUBLISHED

NUMBERS REFER TO VOLUME NUMBERS
OF
INFORMATION CIRCULAR 6

UNIVERSITY OF ILLINOIS

The elevations as given in the quadrangle tabulation are the results of an adjustment made by the Memphis Engineer District in 1932. This adjustment is based on the assumption that the elevations of the following points are as shown here, said elevations being secured from the 1929 adjustment of the U.S.C.& G. Survey.

U.S.C.& G. "Memphis" (old) at Memphis - 264.304 C.&G.value
U.S.C.& G. "S-2" at Hoxie - 267.759 C.&G.value
U.S.C.& G. "Brinkley" at Brinkley - 207.473 C.&G.value
U.S.C.& G. "O-3" at Nettleton - 260.216 C.&G.value
U.S.C.& G. "Mesa" at DeValls Bluff - 223.103 C.&G.value

0.294 feet was added to these elevations to convert to mean gulf level.

All elevations given for points in this quadrangle are in feet above mean gulf level, and are subject to final adjustment based on precise lines run subsequent to third-order lines herein listed.

(USE 58)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District, Latour quadrangle. The elevations in this quadrangle are from the following sources:

U.S.C.& G. Survey levels between Little Rock and Memphis.

M.R.C. levels along Mississippi River and for establishing elevations of zero of gages on tributaries.

U.S.E.D. survey of the Alluvial Valley of the Mississippi River.

The elevations as given in the quadrangle tabulation are the results of an adjustment made by the Memphis Engineer District in 1932. This adjustment is based on the assumption that the elevations of the following points are as shown here, said elevations being secured from the 1929 adjustment of the U.S. C.& G. Survey.

U.S.C.& G. "Memphis" (old) at Memphis - 264.304 C.&G.value
U.S.C.& G. "O" at Little Rock - 288.684 C.&G.value
U.S.C.& G. "Forrest" at Forrest City - 372.627 C.&G.value
U.S.C.& G. "Brinkley" at Brinkley - 207.473 C.&G.value

0.294 feet was added to these elevations to convert to mean gulf level.

Also the elevation of B.M. North Base at Helena is taken as 186.033 M.G.L.

All elevations given in the quadrangle are in feet above mean gulf level and are subject to final adjustment based on precise lines run subsequent to third-order lines herein listed.

(USE 61)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District, Marianna quadrangle. The elevations in this quadrangle are from the following sources:

U.S.C.& G. Survey levels between Little Rock and Memphis.

U.S.E.D. surveys for St. Francis River.

U.S.E.D. survey of the Alluvial Valley of the Mississippi River.

The elevations as given in the quadrangle tabulation are the results of an adjustment made by the Memphis Engineer District in 1932. This adjustment is based on the assumption that the elevations of the following points are as shown here, said elevations being secured from the 1929 adjustment of the U.S.C.& G. Survey.

U.S.C.& G. "Memphis" (old) at Memphis - 264.304 C.&G.value
U.S.C.& G. "O" at Little Rock - 288.684 C.&G.value
U.S.C.& G. "M" at Pine Bluff - 228.845 C.&G.value
U.S.C.& G. "Brinkley" at Brinkley - 207.473 C.&G.value
U.S.C.& G. "Mesa" at DeValls Bluff - 223.103 C.&G.value

0.294 feet was added to these elevations to convert to mean gulf level.

All elevations given for points in this quadrangle are in feet above mean gulf level and are subject to final adjustment based on precise lines run subsequent to third-order lines herein listed.
Revised 12-15-33.

(USE 63)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District, Mellwood quadrangle. The elevations in this quadrangle are from the following sources:

U.S.E.D. survey of the Alluvial Valley of the Mississippi River.

M.R.C. levels along the Mississippi River.

The elevations as given in the quadrangle are the results of an adjustment made by the Memphis Engineer District in 1932. This adjustment is based on the assumption that the elevations of the following points are shown here.

U.S.C.& G. "Memphis" (old) at Memphis - 264.598 M.G.L.
M.R.C. P.B.M. "Willow Grove" at
Willow Grove Landing - 167.054 M.G.L.

All elevations given in this quadrangle are in feet above mean gulf level and are subject to final adjustments based on precise lines run subsequent to third-order lines herein listed.

(USE 65)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District, Marvell quadrangle. The elevations in this quadrangle are from the following sources:

U.S.C.& G. Survey levels between Little Rock and Memphis.

M.R.C. levels along Mississippi River and for establishing elevations of zero of gages on tributaries.

U.S.E.D. survey of the Alluvial Valley of the Mississippi River.

The elevations as given in the quadrangle tabulation are the results of an adjustment made by the Memphis Engineer District in 1932. This adjustment is based on the assumption that the elevations of the following points are as shown here, said elevations being secured from the 1929 adjustment of the U.S.C.&G. Survey.

U.S.C.& G. "Memphis" (old) at Memphis - 264.304 C.&G.value
U.S.C.& G. "O" at Little Rock - 288.684 C.&G.value
U.S.C.& G. "Forrest" at Forrest City - 372.627 C.&G.value

U.S.C.& G. "Brinkley" at Brinkley - 207.473 C.&G.value

0.294 feet was added to these elevations to convert to mean gulf level.

Also the elevation of B.M. North Base at Helena is taken as 186.033 M.G.L.

All elevations given in this quadrangle are in feet above mean gulf level and are subject to final adjustment based on precise lines run subsequent to third-order lines herein listed.

(USE 67)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District, Modoc quadrangle.

U.S.C.& G. Survey first-order levels between Little Rock and Memphis.

M.R.C. levels along Mississippi River.

U.S.E.D. survey of the Alluvial Valley of the Mississippi River.

The elevations as given in the quadrangle tabulation are the results of an adjustment made by the Memphis Engineer District in 1932. This adjustment is based on the assumption that the elevations of the following points are as shown here, said elevations being secured from the 1929 adjustment of the U.S.C.& G. Survey.

U.S.C.& G. "Memphis" (old) at Memphis - 264.304 C.&G.value
U.S.C.& G. "O" at Little Rock - 288.584 C.&G.value
U.S.C.& G. "M" at Pine Bluff - 228.845 C.&G.value

0.294 feet was added to these elevations to convert to mean gulf level, the 0.294 being the difference between the U.S.C. & G. Survey and the M.R.C. determinations at Memphis, Tenn.

The elevations of B.M. North Base at Helena are taken as 186.033 M.G.L.

The elevation of B.M. Fair at Mell Bayou is taken as 172.730 M.G.L.

All elevations given for points in this quadrangle are in feet above mean gulf level and are subject to final adjustment based on prcise lines run subsequent to third-order lines herein listed.

(USE 70)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District, Park Place quadrangle. The elevations in this quadrangle are from the following sources:

U.S.C.& G. Survey first-order levels between Little Rock and Memphis.

M.R.C. levels along Mississippi River.

U.S.E.D. survey of the Alluvial Valley of the Mississippi River.

The elevations as given in the quadrangle tabulation are the results of an adjustment made by the Memphis Engineer District in 1932. This adjustment is based on the assumption that the elevations of the following points are as shown here, said elevations being secured from the 1929 adjustment of the

U.S.C.& G. Survey.
U.S.C.& G. "Memphis" (old) at Memphis - 264.304 C.&G.value
U.S.C.& G. "Brinkley"at Brinkley - 207.473 C.&G.value
U.S.C.& G. "O" at Little Rock - 288.684 C.&G.value
0.294 feet was added to these elevations to convert to mean gulf level.

The elevation of B.M. North Base at Helena was taken as 186. 033 M.G.L.

All elevations given for points in this quadrangle are in feet above mean gulf level and are subject to final adjustment based on precise lines run subsequent to third-order lines herein listed.

(USE 89)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District. Elevations and Positions Along Mississippi River in Memphis Engineer District, August 1934, revised June 1935. Part XIII. Memphis, Tenn., to Mhoons Landing, Miss., along left and right banks of Mississippi River. Elevations are in feet above mean gulf level. Positions are on Mississippi River Commission datum. Elevations are from third-order leveling by the Mississippi River Commission and Memphis Engineer District, based on precise leveling by the Mississippi River Commission and U. S. Coast and Geodetic Survey.

(USE 90)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District. Elevations and Positions Along Mississippi River in Memphis Engineer District, January 1935. Part XIV. Mhoons Landing, Miss., to Helena, Ark., along left and right banks of Mississippi River. Elevations are in feet above mean gulf level. Positions are on Mississippi River Commission datum. Elevations are from third-order leveling by the Mississippi River Commission and Memphis Engineer District, based on precise leveling by the Mississippi River Commission and U. S. Coast and Geodetic Survey.

(USE 91)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District. Elevations and Positions Along Mississippi River in Memphis Engineer District, August 1934. Part XV. Helena, Ark., to Sunflower Landing, Miss., along left and right banks of Mississippi River. Elevations are in feet above mean gulf level. Positions are on Mississippi River Commission datum. Elevations are from third-order leveling by the Mississippi River Commission and Memphis Engineer District, based on precise leveling by the Mississippi River Commission and the U. S. Coast and Geodetic Survey.

(USE 92)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District. Elevations and Positions Along Mississippi River in Memphis Engineer District, January 1935. Part XVI. Sunflower Landing, Miss., to the mouth of Arkansas River, along left and right banks of Mississippi River. Elevations are in feet above mean gulf

level. Positions are from third-order leveling by the Mississippi River Commission and Memphis Engineer District, based on precise leveling by the Mississippi River Commission and U. S. Coast and Geodetic Survey.

(USE 101)

CORPS OF ENGINEERS, U. S. ARMY, Memphis District. Permanent Bench Marks. Arkansas River Survey, May-December 1917. Little Rock to the Mouth. All elevations are referred to mean Gulf level, U. S. Coast and Geodetic Survey 1912 Standard. All brass caps mentioned are marked U. S. Engineers Office, Little Rock, Arkansas. Second-order leveling, executed by Corps of Engineers, U. S. Army, Memphis District.

Comparison of Level Datums on Little Rock to Mouth Level Line Along Arkansas River

B.M.	Location	1929 Ark.Sup.	Ark.River Survey Little Rock to Mouth 1917	M.G.L.
O (C.&G.S.)	Little Rock	288.684	288.448	
L ("	Pine Bluff (destroyed)	234.734	234.514	
Gage III (M.R.C.)	Mouth Ark. R:		153.324	153.390
Wolbrecht("	" White R		156.024	156.153
F (C.&G.S.)	Ark. City	139.012		139.178

(MRC 106)

MISSISSIPPI RIVER COMMISSION, Brinkley 15 minute topographic quadrangle sheet. Latitude 34°45'-35°00', longitude 91°00'-91°15'. Prepared by Mississippi River Commission and Corps of Engineers, U. S. Army, Memphis District, 1930, lithoprinted 1933. Scale 1:62500, 5-foot contour interval, mean gulf level datum.

(MRC 109)

MISSISSIPPI RIVER COMMISSION, Deckerville 15 minute topographic quadrangle sheet. Latitude 35°15'-35°30', longitude 90°15'-90°30'. Prepared by Mississippi River Commission and Corps of Engineers, U. S. Army, Memphis District, 1930, lithoprinted 1934. Scale 1:62500, 5-foot contour interval, mean gulf level datum.

(MRC 110)

MISSISSIPPI RIVER COMMISSION, Dee 15 minute topographic quadrangle sheet. Latitude 35°30'-35°45', longitude 90°30'-90°45'. Prepared by Mississippi River Commission and Corps of Engineers, U. S. Army, Memphis District, 1930, lithoprinted

1935. Scale 1:62500, contour interval 5 and 25 feet changing on the 250 foot contour east and 275 contour west of Crowley's Ridge, mean gulf level datum.

(MRC 111)
MISSISSIPPI RIVER COMMISSION, DeValls Bluff 15 minute topographic quadrangle sheet. Latitude 34°45'-35°, longitude 91°15'-91°30'. Prepared by Mississippi River Commission and Corps of Engineers, U. S. Army, Memphis District, 1930, lithoprinted 1934. Scale 1:62500, 5-foot contour interval, mean gulf level datum.

(MRC 123)
MISSISSIPPI RIVER COMMISSION, Holly Grove 15 minute topographic quadrangle sheet. Latitude 34°30'-34°45', longitude 91°-91°15'. Prepared by Mississippi River Commission and Corps of Engineers, U. S. Army, Memphis District, 1930, lithoprinted 1936. Scale 1:62500, 5-foot contour interval, mean gulf level datum.

(MRC 124)
MISSISSIPPI RIVER COMMISSION, Horseshoe Lake 15 minute topographic quadrangle sheet. Latitude 34°45'-35°, longitude 90°15'-90°30'. Prepared by Mississippi River Commission and Corps of Engineers, U. S. Army, Memphis District, 1930, lithoprinted 1933. Scale 1:62500, 5-foot contour interval, mean gulf level datum.

(MRC 132)
MISSISSIPPI RIVER COMMISSION, Latour 15 minute topographic quadrangle sheet. Latitude 34°30'-34°45', longitude 90°30'-90°45'. Prepared by Mississippi River Commission and Corps of Engineers, U. S. Army, Memphis District, 1930, lithoprinted 1933. Scale 1:62500, contour interval 5 and 25 feet changing on the 200-foot contour east of ridge and the 250-foot contour west of ridge, mean gulf level datum.

(MRC 136)
MISSISSIPPI RIVER COMMISSION, Marianna 15 minute topographic quadrangle sheet. Latitude 34°45'-35°, longitude 90°45'-91°. Prepared by Mississippi River Commission and Corps of Engineers, U. S. Army, Memphis District, 1930, lithoprinted 1933. Scale 1:62500, contour interval 5 and 25 feet changing on the 250-foot contour, mean gulf level datum.

(MRC 138)
MISSISSIPPI RIVER COMMISSION, Marvell 15 minute topographic quadrangle sheet. Latitude 34° 30'-34°45', longitude 90°45'-91°. Prepared by Mississippi River Commission and Corps of Engineers, U. S. Army, Memphis District, 1930, lithoprinted 1936. Scale 1:62500, 5-foot contour interval, mean gulf level datum.

(MRC 143)
MISSISSIPPI RIVER COMMISSION, Modoc 15 minute topographic quadrangle sheet. Latitude 34°15'-34°30', longitude 90°45'-91°. Prepared by Mississippi River Commission and Corps of Engineers,

U. S. Army, Memphis District, 1930, lithoprinted 1933. Scale 1:62500, 5-foot contour interval, mean gulf level datum.

(MRC 147)
MISSISSIPPI RIVER COMMISSION, Park Place 15 minute topographic quadrangle sheet. Latitude 34°45'-35°, longitude 90°30'-90°45'. Prepared by Mississippi River Commission and Corps of Engineers, U. S. Army, Memphis District, 1930, lithoprinted 1933. Scale 1:62500, contour interval 5 and 25 feet changing on the 250-foot contour, mean gulf level datum.

(MRC 158)
MISSISSIPPI RIVER COMMISSION, Vanndale 15 minute topographic quadrangle sheet. Latitude 35°15'-35°30', longitude 90°45'-91°. Prepared by Mississippi River Commission and Corps of Engineers, U. S. Army, Memphis District, 1930, lithoprinted 1935. Scale 1:62500, contour interval 5 and 25-feet changing on the 275-foot contour, mean gulf level datum.

(USGS 169)
UNITED STATES GEOLOGICAL SURVEY, Blakemore quadrangle (Ark). Latitude 34°30'-34°45', longitude 91°45'-92°. Third-order leveling in 1929. 1929 General Adjustment. Elevations above mean sea level.

(USGS 175)
UNITED STATES GEOLOGICAL SURVEY, Clarendon quadrangle (Ark). Latitude 34°30'-34°45', longitude 91°15'-91°30'. Third-order leveling in 1928-29. 1929 General Adjustment. Elevations above mean sea level.

(USGS 184)
UNITED STATES GEOLOGICAL SURVEY, Goldman quadrangle (Ark). Latitude 34°15'-34°30', longitude 91°30'-91°45'. Third-order leveling in 1928. 1929 General Adjustment. Elevations above mean sea level.

(USGS 191)
UNITED STATES GEOLOGICAL SURVEY, Lonoke quadrangle (Ark). Latitude 34°45'-35°, longitude 91°45'-92°. Third-order leveling in 1929. 1929 General Adjustment. See also U.S.C.& G.S. first-order line. Elevations above mean sea level.

(USGS 211)
UNITED STATES GEOLOGICAL SURVEY, Stuttgart quadrangle (Ark). Latitude 34°30'-34°45', longitude 91°30'-91°45'. Third-order leveling in 1928-29. 1929 General Adjustment. Elevations above mean sea level.

(USGS 222)
UNITED STATES GEOLOGICAL SURVEY, El Dorado 15 minute topographic quadrangle sheet. Latitude 33°-33°15', longitude 92°30'-92°45'. Surveyed 1927, edition 1930. Scale 1:62500, 20-foot contour interval, mean sea level datum.

(Ark Geod S 242)

ARKANSAS GEODETIC SURVEY, third-order leveling. Work executed in 1933-34 by the Civil Works Administration, under the auspices of the U. S. Coast and Geodetic Survey. None of these lines have had a final adjustment; therefore the elevations are tentative. Mean sea level datum.

(MP 243)

MISSOURI PACIFIC RAILROAD. Elevations on lines in Arkansas. Mean sea level datum.

(SLSF 244)

ST. LOUIS-SAN FRANCISCO RAILWAY. Condensed profile of lines in Arkansas. Mean sea level datum.

(CRI&P 245)

CHICAGO, ROCK ISLAND & PACIFIC RAILWAY. Condensed profile of lines in Arkansas. Furnished June 6, 1929. Mean sea level datum.

(SLSW 246)

ST. LOUIS SOUTHWESTERN RAILWAY. Elevations on lines in Arkansas. Furnished June 5, 1929. Elevations on different portions of the main line and on the various branch lines are referred to either the Cairo or Vicksburg datum planes, as indicated in the following table.

Vicksburg datum plane.
Main Line, Humphrey to Texarkana.
Branch lines, North Little Rock to Althoimer; Pine Bluff to Waldstein; McNeil to Magnolia; Lewisville to State Line.
To elevations given on these lines add 1.05 feet to obtain elevations above Mean Gulf datum.

Cairo Datum Plane.
Main Line, St. Francis to Roberts.
Branch lines, Paragould to Blytheville; England to Gillett; Hazen to Stuttgart.
From elevations given on these lines subtract 20.43 feet to obtain elevations above Mean Gulf datum.

(M&NA 250)

MISSOURI AND NORTH ARKANSAS RAILWAY. Elevations on lines in Arkansas. Furnished August 31, 1929. Elevations taken at bottom of ties. Not on any known datum, and elevations at various points all from 2 to 10 feet lower than mean sea level used in lines of the United States Coast and Geodetic Survey on same M&NA tracks.

(AGS 254)

ARKANSAS GEOLOGICAL SURVEY Annual Report for 1891, Vol II. Elevations in Arkansas. Datum is mean tide level on the Gulf of Mexico.

(AGS 300)

ARKANSAS GEOLOGICAL SURVEY Topographic Map of the State of Arkansas, 1930. Datum is mean sea level.

CROSS INDEX TO LEVEL LINES IN

LEE COUNTY

Line No. 17

Aubrey
Moro
Rondo
Thomasville

Line No. 51

Ashley Point
Bledsoe
Blue Point Landing

Line No. 61

Felton
Haynes
Marianna

Line No. 89

Ashley Point Landing
Ashley Point
Blue Point
Campbell's Bar
Campbell's Light
Council
Lady Lee Landing
Peters Landing
Reese

Line No. 243

Brickeys
Bledsoe
Canaan
Cody
Felton
Gassett
G K Siding
Haynes
Kokomo
La Grange
Marianna
Oakwood
Soudan
Tongin
Winona
Wrightland

Line No. 34

Big Creek Bridge
Moro

Line No. 58

Jeffersonville

Line No. 65

Marianna

Line No. 70

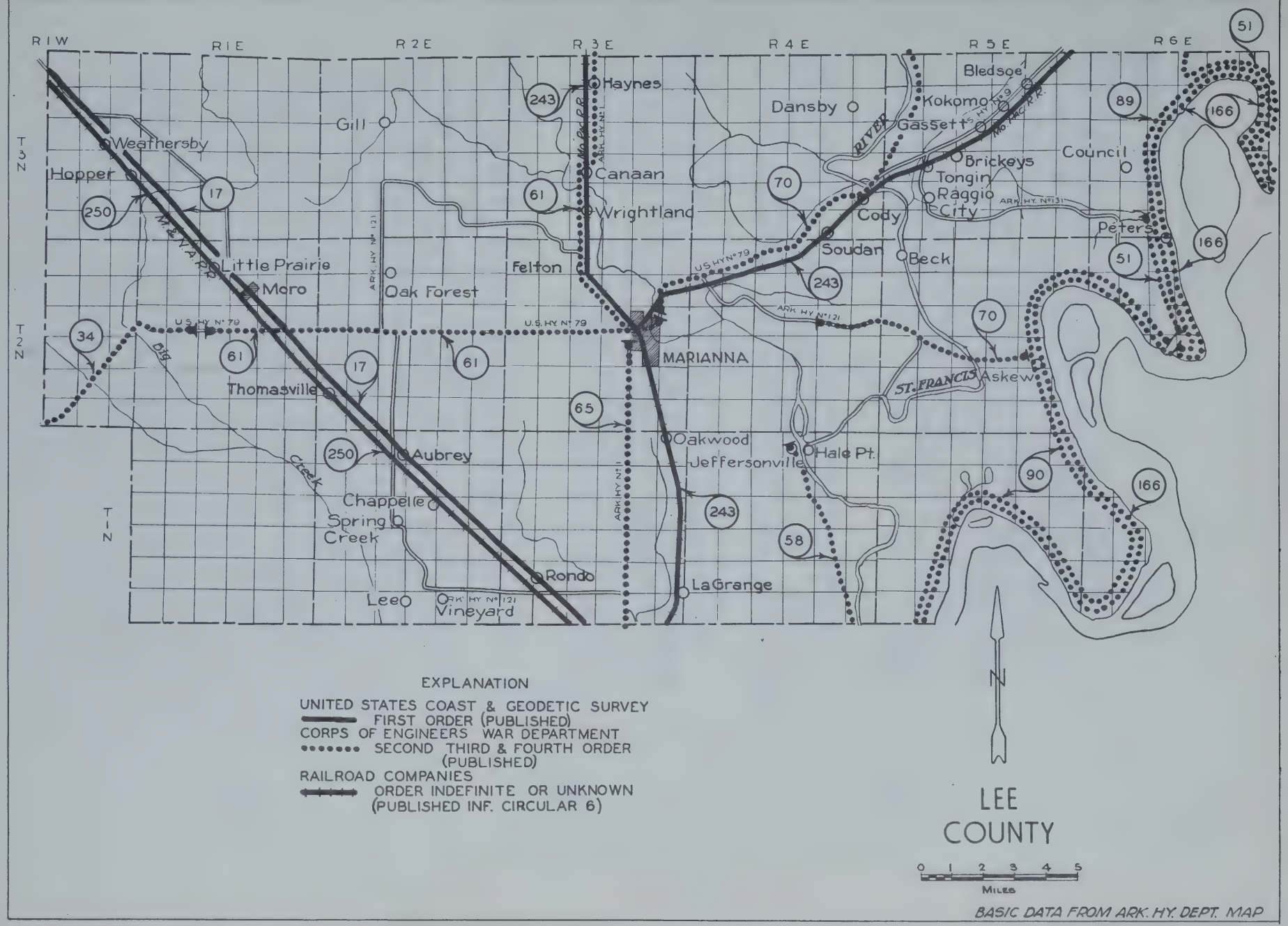
Marianna

Line No. 90

Ashley Point
Bordeaux Island
Harbert Landing
Harbert Point
Hardin Point
Hardin Point Neck
Mound Place Landing
Phillips Bayou Ferry
Walnut Bend
Walnut Bend Landing
Whitehall
Whitehall Crevasse
Whitehall School

Line No. 250

Moro


R1W
R1E
R2E
R3E
R4E
R5E
R6E
T3N
T2N
T1N
Haynes
Gill
Weathersby
Hopper
Canaan
Wrightland
Dansby
Bledsoe
Kokomo
Gassett
Brickeys
Tongin
Raggio City
Cody
Soudan
Beck
Council
Peters
Little Prairie
Moro
Oak Forest
Felton
MARIANNA
Thomasville
Aubrey
Chappelle
Spring Creek
Rondo
Lee
Vineyard
Oakwood
Jeffersonville
Hale Pt.
Askew
LaGrange
ST. FRANCIS
RIVER
M & A R.R.
Mo. Pac. R.R.
U.S. HY. No. 79
ARK. HY. No. 1
ARK. HY. No. 121
ARK. HY. No. 131
51
89
166
243
70
61
250
17
34
65
58
90
EXPLANATION
UNITED STATES COAST & GEODETIC SURVEY
FIRST ORDER (PUBLISHED)
CORPS OF ENGINEERS WAR DEPARTMENT
SECOND THIRD & FOURTH ORDER (PUBLISHED)
RAILROAD COMPANIES
ORDER INDEFINITE OR UNKNOWN (PUBLISHED INF. CIRCULAR 6)
N
LEE COUNTY
0 1 2 3 4 5
MILES
BASIC DATA FROM ARK. HY. DEPT. MAP

OF THE
UNIVERSITY OF ILLINOIS

Name and description		Elev. ft.
ASHLEY POINT. See Campbell Light. (USE 89)		
ASHLEY POINT. 272.1 river mi below Cairo, Ill. Lat 34° 45' 20.36" (+627 m); long 90° 27' 56.46" (+1436 m). BM is on; about 0.5 mi above point opposite Mhoons Landing; on rd leading back from Beard Landing and about 0.5 mi back of river (1931); between wagon rd and old river bank; 59 ft W of rd crossing; 19 ft SW of c/l of dirt rd; under locust tree across rd from old house place of Arthur Beard, Jr. Pipe and tile. BM 13/d. MGL. (USE 89)	Cap	198.79
	Base	194.80
References. 30-inch cottonwood tree 313° 26' - 50 ft; 32-inch sycamore tree 249° 16' - 89 ft; 18-inch locust tree 113° 13' - 13 ft. Chimney of old house 233° 30' - 100 ft. MGL. (USE 89)		
ASHLEY POINT. 2 mi above; 0.25 mi above Lady Lee Landing; 1,900 ft NW of gin; 800 ft back of rd from Peters to Ashley Point; 650 ft SW of upper building in field; 250 ft back of edge of timber; on W side of cultivated field. Brass cap on iron pipe set on concrete tile and called "PBM 12/d." MGL. (USE 51)	Cap on pipe	198.460
	Bolt in tile	194.470
ASHLEY POINT. 276.0 river mi below Cairo, Ill. Lat 34° 44' 54.23" (+1671 m); long 90° 29' 57.26" (+1456 m). BM is about 3 mi below Mhoons Landing; about 500 ft back of center of very small group of willow trees; 230 ft back of river bank; on sand hillock in patch of land cleared by cutting willow trees for river improvement; on land formed by growth of bar below; BM is standard MRC 4-inch pipe and tile. Not connected with or included in 1934 adjustment. MRC published elev and position taken as being correct. BM 14/c. MGL. (USE 90)	Cap	197.04
	Base	193.04
References. 4-inch cottonwood tree 5° - 57 ft; 7-inch cottonwood tree 70° - 78 ft; 8-inch cottonwood tree 80° - 94 ft; 6-inch cottonwood tree 110° - 66 ft; 5-inch willow tree 140° - 50 ft; 3-inch willow tree 230° - 70 ft; 3-inch willow tree 250° - 74 ft; 6-inch cottonwood tree 290° - 110 ft. MGL. (USE 90)		

Name and description	Elev. ft.
ASHLEY POINT LANDING. 271.0 river mi below Cairo, Ill. TBM is copper nail driven in river face of 10-inch sycamore tree near BM 19 A. TBM 5. MGL. (USE 89)	204.62
ASHLEY POINT LANDING. 271.0 river mi below Cairo, Ill. Position not known. BM is pipe and tile on rt bank of Mississippi River; about 1 mi below foot of Rabbit Island and 0.75 mi above; S and W of rd paralelling top bank of a point where rd turns sharp from S to E, for a distance of about 200 ft. BM is about 310 ft back of top bank. Blazed trees. BM 19 A. MGL. (USE 89) Cap Base	204.62 200.69
References. 12-inch sycamore tree, 35.3 ft N - 40° W; 10-inch sycamore tree, 17.5 ft N - 15° E; 10-inch sycamore tree, 24.2 ft S - 30° E. MGL. (USE 89)	
ASKEW. Est. (MRC 147)	191.
AUBREY. Top of rail opposite M&NA RR station. MSL. (USC&GS 17)	205.7
AUBREY. In line with SW side of M&NA RR station; 44 ft S of pole 334-13, 53 ft SE of S cor of station, and 29 ft NE of c/l of main track. Standard disk, stamped "E 15 1932" and set in top of concrete post. MSL. (USC&GS 17)	205.856
AUBREY. Top of rail opposite M&NA RR milepost 334. MSL. (USC&GS 17)	200.2
AUBREY. Top of rail opposite M&NA RR milepost 333. MSL. (USC&GS 17)	201.0
AUBREY. Top of rail opposite M&NA RR milepost 335. MSL. (USC&GS 17)	204.2
AUBREY. Top of rail opposite M&NA RR milepost 332. MSL. (USC&GS 17)	204.1
AUBREY. Top of rail opposite M&NA RR milepost 336. MSL. (USC&GS 17)	200.4
AUBREY. Top of rail opposite M&NA RR milepost 337. MSL. (USC&GS 17)	202.8
BAYNES. Est, (MRC 147)	185.

Name and description	Elev. ft.
BECK. Est. (AGS 300)	200.
BIG CREEK BRIDGE. 1,130 ft SW of bridge; 345 ft SW of crossroads; 6 ft S of fence; 40 ft NW of St Route 3; near NE cor of sec 24-T2N-R1W. Brass cap on iron pipe set in concrete, stamped "USED Trav Sta 84." MGL. (USE 34)	180.904
BIG CREEK BRIDGE. About 1.3 mi E of; about 1,200 ft E of where St Route jogs to NW; 600 ft E of small house; E of wood line and in woods; in SW cor of N headwall of concrete culvert. Cross cut in concrete. MGL. (USE 34)	183.167
BLEDSOE. Station. (MP 243)	207.0
BLEDSOE. 75 ft SW of old P. O. building; 125 ft S of ditch; 35 ft NE of c/l of rd; 15 ft N of 50-inch cypress tree. Brass cap on iron pipe set on concrete tile and called "R-92-2." MGL. (USE 51)	197.073
BLEDSOE. 0.5 mi NW of old P. O; 350 ft NE of NE cor of orange colored bungalow on isolated hill; 200 ft E of tin barn on W side of rd; on E side of N and S rd; in SW root of 30-inch pecan tree. Nail. MGL. (USE 51)	200.839
BLUE POINT. 265.7 river mi below Cairo, Ill. TBM is brass nail in copper washer in S root of 28-inch elm tree; 1,800 ft above LMM 187/188; 250 ft down levee from BM Blue Point; 50 ft from toe of banquette on land side. Copper plate in blaze on tree, stamped "TBM G Blue Point." MGL. (USE 89)	199.96
BLUE POINT. 265.6 river mi below Cairo, Ill. Lat 34° 51' 09.53" (+294 m); long 90° 25' 00.32" (+8 m). BM is on Blue Point; 1.5 mi below a point opposite Commerce, Miss; 0.25 mi above and 0.25 mi back of Blue Point (Highwater) Landing; 130 ft back of levee; at a point 520 ft above angle of levee; 2,100 ft above LMM 187/188; 30 ft above a rd crossing levee; at lower side of cultivated field; 115 ft from edge of timber, on land of Mr. Baker. MRC pipe and tile. BM Blue Point. MGL. (USE 89) Cap Base	203.80 199.79
References. 22-inch box elder tree, 105° - 16 ft; 18-inch sycamore tree, 110° - 790 ft; 14-	

Name and description		Elev. ft.
inch sycamore tree, 130° - 630 ft. MGL. (USE 89)		
BLUE POINT LANDING. 0.25 mi above and 0.25 mi back of; on Blue Point; 1.5 mi below a point opposite Commerce, Miss; 130 ft back of levee; 100 ft from edge of timber; 35 ft above a rd crossing levee; on land of Mr. Baker. Brass cap on iron pipe set on concrete tile and called "BM Blue Point." MGL. (USE 51)	Cap	203.790
	Bolt	199.790
BORDEAUX ISLAND. 277.3 river mi below Cairo, Ill. Lat 34° 45' 50.13" (+1545 m); long 90° 31' 28.69" (+730 m). BM is on N bank of Bordeaux Island; 45 ft S of lower bank of Whiskey Chute; about 920 ft E along rd from barn standing on large mound; 13 ft W of house standing on S side of rd; on property belonging to S.Lundee. BM is standard MRC 4-inch pipe and tile. BM Whiskey Chute. (MRC) MGL. (USE 90)	Cap	196.72
	Base	192.72
References. 8-inch chinaberry tree, 70° - 15 ft; 10-inch sycamore tree, 150° - 50 ft; 6-inch cottonwood tree, 170° - 47 ft; 12-inch sycamore tree, 220° - 64 ft. MGL. (USE 90)		
BRICKEYS. See Walnut Bend. (USE 90)		
BRICKEYS. See Walnut Bend Landing. (USE 90)		
BRICKEYS. Station. (MP 243)		206.0
CAMPBELL. Est. (AGS 300)		206.
CAMPBELL BAR. 270.0 river mi below Cairo, Ill. Lat 34° 47' 10.91" (+366 m); long 90° 28' 08.12" (+206 m). BM is pipe and tile on rt bank of Mississippi River; opposite head of Rabbit Island and back of chute that runs behind; about 1,200 ft above mouth of chute; 350 ft back of top of bank, and 125 ft E of log rd that runs from Peters Dike to Ashley Point. BM 16 1931. (USE). MGL. (USE 89)	Cap	200.65
	Base	196.15
CAMPBELL BAR. 270.2 river mi below Cairo, Ill; 432 ft back of c/l of levee at LMM 201/202; on land side of levee; in field near edge of flat or slough; N across Old Walnut Bend from Whiskey		

Name and description		Elev. ft.
Island; standard USED BM. Elev from 1935 Levee Record Survey. BM R-91.2-5. MGL. (USE 89)	Cap	193.44
	Base	189.48
CAMPBELL'S LIGHT. 270.3 river mi below Cairo, Ill. TBM is nail and washer in 4-inch cotton stump behind; and opposite foot of Rabbit Island; 40 ft back of top of bank. TBM 2. MGL. (USE 89)		202.02
CANAAN. Station. (MP 243)		211.1
CHAPPELLE. Est. (MRC 138)		200.
CLIFTON. Est. (MRC 136)		220.
CODY. Station. (MP 243)		213.0
COUNCIL. 266.6 river mi below Cairo, Ill. Lat 34° 53' 23.30" (+718 m); long 90° 28' 25.00" (+635 m). From LMM 192/193 to BM 192/193, azimuth 151° 05', distance 94.8 ft. From BM 192/193 to Reference 192/193, azimuth 64° 24' 10", distance 502.2 ft. From BM 192/193 to L F 192, azimuth 143° 24' 20", distance 241.0 ft. BM and Reference are standard levee BM's. BM 192/193 (L St F L D). MGL. (USE 89)	Cap	199.62
	Reference	199.03
COUNCIL. 266.7 river mi below Cairo, Ill. Lat 34° 52' 47.31" (+1458 m); long 90° 29' 07.71" (+196 m). From LMM 193/194 to BM 193/194, azimuth 112° 02', distance 100.1 ft. From BM 193/194 to Reference 193/194, azimuth 18° 24' 50", distance 509.3 ft. Standard levee BM. BM 193/194 (L St F L D) MGL. (USE 89)	BM	199.82
	Reference	198.49
COUNCIL. 266.7 river mi below Cairo, Ill. TBM is brass nail in copper washer in S root of 28-inch elm tree; approximately 3,000 ft below LMM 192/193; 200 ft down levee from lower end of cottonwood thicket; 150 ft from toe of slope of banquette on bank of old ditch; 100 ft N of 28-inch cypress tree; copper plate in blaze on tree facing levee; stamped "TBM 49 G." BM T B M 49-G. MGL. (USE 89)		192.27
COUNCIL. 266.8 river mi below Cairo, Ill. Lat 34° 50' 31.19" (+961 m); long 90° 26' 40.87" (+1038 m). BM is pipe and tile on Mac Towhead;		

Name and description		Elev. ft.
about 1,500 ft above foot; 325 ft back of top bank in thick switch willow trees. BM is extreme upper end of Peter's Island Base Line. BM 54 U Peters B L (USE). MGL. (USE 89)	Cap	197.84
	Base	193.88
COUNCIL. 266.8 river mi below Cairo, Ill. TBM is 20 penny spike nail in E root of 30-inch elm stump at; 3,000 ft S of LMM 193/194; approximately 500 ft from toe of banquette; 80 ft S of BMR 92-2-4. Copper plate on stump, stamped "TBM R 92.2-4." MGL. (USE 89)		196.52
COUNCIL. 266.9 river mi below Cairo, Ill. Lat 34° 52' 19.90" (±613 m); long 90° 29' 25.02" (±635 m). BM is at; 620 ft from c/l of levee; at point 3,000 ft S of LMM 193/194 on landside; at SW cor of barn lot. Brass cap on 4-inch pipe set over concrete tile. Position and elev from 1935 Levee Record Survey. Low water survey position and elev found to be in error. BMR 92.2-4. (USE). MGL. (USE 89)	Cap	197.26
	Base	193.30
References. 36-inch oak tree, S 86 ft; 24-inch oak tree, SE 92 ft. MGL. (USE 89)		
COUNCIL. 267.0 river mi below Cairo, Ill. TBM is brass nail in copper washer in levee root of 24-inch cottonwood tree; 0.5 mi below; 100 ft from toe of banquette, on landside, at LMM 194/195. Copper plate in blaze on tree facing levee. T B M 50-G. MGL. (USE 89)		196.71
COUNCIL. 267.0 river mi below Cairo, Ill. Lat 34° 51' 56.15" (±1730 m); long 90° 29' 19.81" (±503 m). From LMM 194/195 to BM 194/195, azimuth 83° 44', distance 91.9 ft. From BM 194/195 to Reference 194/195, azimuth 356° 54' 40", distance 507.4 ft. Standard levee BM. BM 194/195 (L St F L D). MGL. (USE 89)	BM	198.67
	Reference	197.11
COUNCIL. 267.1 river mi below Cairo, Ill. Lat 34° 50' 19.06" (±587 m); long 90° 27' 09.04" (±230 m). BM is 1,200 ft back of Mac's Towhead; 800 ft back of main bank of chute; opposite head of Mac's Towhead; 0.5 mi above a fisherman's shack; in upper side of old field; 25 ft S of rd on N side of pecan grove. Pipe and tile. BM 106 (USE) MGL. (USE 89)	Cap	203.70
	Base	199.78

Name and description	Elev. ft.
References. 16-inch pecan tree, 351° 00' - 9 ft; 18-inch pin oak tree, 130° 00' - 66 ft. MGL. (USE 89)	
COUNCIL. 267.2 river mi below Cairo, Ill. TBM is brass nail in copper washer on levee root of 20-inch sycamore tree; approximately 1,500 ft above LMM 195/196; 400 ft above ramp leading across levee; 350 ft up levee from club house; 250 ft below angle in levee; 80 ft from toe of banquette. Copper plate in blaze on tree facing levee, stamped "TBM 51-G." MGL. (USE 89)	199.48
COUNCIL. 267.2 river mi below Cairo, Ill. Lat 34° 51' 07.82" (+241 m); long 90° 29' 01.53" (+39 m). From LMM 195/196 to BM 195/196, azimuth 54° 40', distance 91.3 ft. From BM 195/196 to Reference 195/196, azimuth 326° 39' 30" distance 556.9 ft. Standard levee BM. BM 195/196 (L St F L D). MGL. (USE 89) BM Reference	200.32 197.82
COUNCIL. 267.7 river mi below Cairo, Ill. TBM is brass nail in copper washer in N root of 18-inch locust tree; 0.5 mi below LMM 196/197; 500 ft down levee from house; 60 ft from toe of banquette, on landside. Copper plate in blaze on tree facing levee, stamped "TBM 54-G." MGL. (USE 89)	199.93
DAVIS. Est. (AGS 300)	206.
DIXIE. Est. (AGS 300)	208.
DUPUYS. Est. (AGS 300)	206.
FELTON. Station. (MP 243)	217.8
FELTON. 300 ft SW of depot; 60 ft W of c/l of St Hwy 1; 125 ft W of c/l of MP RR; 150 ft S of J. R. Felton's cotton gin; 30 ft S of large oil tank; 50 ft NE of NE cor of whitewashed fence; 5 ft E of N and S fence. Brass cap on pipe set in concrete; stamped "USED M-13-4." MGL. (USE 61)	216.97
GASSETT. Station. (MP 243)	204.0
GILL. Village. Est. (MRC 136)	204.
G K SIDING. Station. (MP 243)	231.1

Name and description		Elev. ft.
HARBERT LANDING. 292.2 river mi below Cairo, Ill. Lat 34° 39' 59.95" (+1847 m); long 90° 31' 42.53" (+1083 m). BM is in timber across river from and 1 mi below or N of Harbert Landing; about 0.25 mi below Smith Landing; 184 ft N of old river bank and about same distance S from a slough, 660 ft N of lower end of small lake. BM is standard MRC 4-inch pipe and tile. MRC elev changed in 1934 adjustment. MRC published elev was cap 188.08; bolt in tile 184.10. BM 18/c (MRC). MGL. (USE 90)	Cap Base	188.04 184.06
References. 28-inch sycamore tree, 323° 45' - 26 ft; 18-inch box elder tree, 186° 30' - 50 ft; 24-inch twin maple tree, 80° 38' - 52 ft. MGL. (USE 90)		
HARBERT POINT. 292.7 river mi below Cairo, Ill. Lat 34° 40' 48.55" (+1496 m); long 90° 31' 55.58" (+1415 m). BM is about 2 mi N of Harbert Point; in timber; about 1 mi below MRC BM 18/c; about 1,150 ft NE of rd at angle where it turns NW;50 ft N of N bank of low ground among large willow and cypress trees. BM is stone post. Not connected with or included in 1934 adjustment. MRC published elev and position taken as being correct. BM 18/4 (MRC). MGL. (USE 90)		181.1
References. 4-ft crooked sycamore tree, (blazed) S 60 ft; hackberry tree with top bent S 20 ft. MGL. (USE 90)		
HARDIN POINT. 282.0 river mi below Cairo, Ill. Lat 34° 41' 36.16" (+1114 m); long 90° 31' 18.78" (+478 m). BM is on Hardin Point; about 1 mi above head of sand bar that extends to Hardin Landing; in NW edge of young cottonwood timber; near NE cor of old field; about 830 ft back of main bank in 1933. BM is standard USED 4-inch pipe and tile. BM 25 B (USE) MGL. (USE 90)	Cap Base	199.13 195.11
HARDIN POINT. 282.8 river mi below Cairo, Ill. Lat 34° 41' 52.65" (+1622 m); long 90° 30' 09.84" (+250 m). BM is on Hardin Point on upper end of sand bar (upper bar); about 700 ft back of river bank; 300 ft W of chute which comes out from head of bar. BM is standard		

Name and description		Elev. ft.
USED 4-inch pipe and tile. BM 29 (USE) MGL. (USE 90)	Cap	199.00
	Base	195.08
References. 5-inch sycamore tree, 270° 10' - 41 ft; 14-inch sycamore tree, 90° 00' - 41 ft; 8-inch cottonwood tree, 132° 26' - 36 ft. MGL. (USE 90)		
HARDIN POINT. 286.0 river mi below Cairo, Ill. Lat 34° 30' 24.59" (+758 m); long 90° 29' 59.14" (+1506 m). BM is on upper side of Hardin Point; 3,100 ft above Hardin Point Landing; in woods about 1,150 ft from old river bank; behind foot of large bar; 2,150 ft above where a house stands in small clearing on river bank; 330 ft SW from lower end of dry slough. BM is standard MRC 4-inch pipe and tile. Not connected with or included in 1934 adjustment. MRC published elev and position taken as being correct. BM 16/c (MRC). MGL. (USE 90)	Cap	192.77
	Base	188.80
References. 10-inch gum tree, 60° - 22 ft; 8-inch gum tree, 110° - 22 ft; 26-inch sycamore tree, 230° 34 ft; 12-inch gum tree, 240° - 9 ft; 7-inch gum tree, 280° - 14 ft; 4-inch hackberry tree, 300° - 47 ft; 10-inch hackberry tree, 350° - 16 ft. MGL. (USE 90)		
HARDIN POINT. 286.1 river mi below Cairo, Ill. Lat 34° 40' 09.48" (+292 m); long 90° 29' 55.73" (+1419 m). BM is on upper side of Hardin Point; 2,230 ft back of river bank at a point near foot of bar and Hardin Point Landing; in woods back of flat low ground; 1,480 ft W of edge of timber at a point back of lower of two houses above landing. Top of stone was about 18 inches above ground. BM is a stone post. Not connected with or included in 1934 adjustment, MRC published elev and position taken as being correct. BM 16/4 (MRC). MGL. (USE 90)		191.0
References. 36-inch sycamore tree, leaning S, S 7 ft; 36-inch sycamore tree, leaning N, E 66 ft; 14-inch box elder tree, NW 52 ft. MGL. (USE 90)		
HARDIN POINT. 287.3 river mi below Cairo, Ill. No position. BM is on Hardin Point 1,552.8 ft (approximately N 5° W) of PBM 17/c in N edge of		

Name and description	Elev. ft.
woods line; in S side of field about 600 ft E of W woods line; top of pipe is 14 inches above ground. This mark set as reference to MRC PBM 17/c. PBM is standard MRC 4-inch pipe and tile, stamped 17/c. MGL. (USE 90)	191.70
References. Blazed 12-inch elm tree, S 65° - E 15 ft; blazed 24-inch maple tree, S 10° - W 28.8 ft; blazed 12-inch maple tree, S 60° - W 16.9 ft. MGL. (USE 90)	
HARDIN POINT. 287.5 river mi below Cairo, Ill. Lat 34° 39' 02.70" (+33 m); long 90° 30' 11.19" (+285 m). PBM is in woods on lower side of Hardin Point, 985 ft N of bank of chute, formerly old river bank behind bar; 23 ft S from S bank of an E and W slough; in large cottonwood and hackberry timber; about 1,475 ft S of S part of cultivated field. PBM is a standard MRC 4-inch pipe and tile. PBM 17/c was connected for levels in 1934 and MRC elev found correct. Not connected for position. MRC published elev and position used as being correct. MGL. (USE 90)	
Cap	192.670
Base	188.688
References. 5-inch box elder tree, 45° - 9 ft; 4-inch sycamore tree, 65° - 39 ft; 7-inch elder tree, 90° - 30 ft; 4-inch box elder tree, 110° - 11 ft; 16-inch box elder tree, 125° - 52 ft; 5-inch sycamore tree, 150° - 52 ft; 8-inch box elder tree, 180° - 26 ft; 6-inch sycamore tree, 255° - 58 ft. MGL. (USE 90)	
HARDIN POINT. 292.8 river mi below Cairo, Ill. BM is a spike in triangular blaze on river face of 10-inch elm tree, 60 ft back of gage. This mark not tied to in 1934. BM 130 (1933) MGL. (USE 90)	191.13
HARDIN POINT. 292.8 river mi below Cairo, Ill. BM is spike in triangular blaze on river face of 10-inch ash tree 100 ft back of BM 130 (1933). BM 130 (1934) MGL. (USE 90)	190.36
HARDIN POINT NECK. 281.1 river mi below Cairo, Ill. Lat 34° 41' 52.41" (+1615 m); long 90° 32' 47.00" (+1196 m). Mark is 3.3 mi below lower end of Walnut Bend Revetment (at Whitehall Crevasse 1927); on upper side of Hardin Point Neck, at its narrowest point; on Sta 360-00	

Name and description	Elev. ft.
Walnut Bend Base Line Extension. Mark is 2½-inch iron pipe. MGL. (USE 90)	197.28
HARDIN POINT NECK. 281.6 river mi below Cairo, Ill. Lat 34° 41' 41.32" (±1273 m); long 90° 31' 48.65" (±1238 m). Mark is on upper side of Hardin Point Neck; just below narrow part; just above large cut over field; at Sta 410-00 of Walnut Bend Extension Base Line. Mark is 2½-inch iron pipe. MGL. (USE 90)	197.61
HARDIN POINT NECK. 293.5 river mi below Cairo, Ill. Lat 34° 41' 36.51" (±1125 m); long 90° 33' 37.54" (±956 m). BM is on lower side of Hardin Point Neck; 3,000 ft above Dixie Field; 250 ft above mouth of slough; in woods; 700 ft back of river bank (1933); 659 ft back of St Francis Bend Hub No. 2. BM is standard USED 4-inch pipe and tile. BM Mike (USE) MGL. (USE 90) Cap Base	188.23 184.25
References. 28-inch ash tree, 10 ft NW; 22-inch hackberry tree, 35 ft SW; 14-inch ash tree, 30 ft E. MGL. (USE 90)	
HARDIN POINT NECK. 294.3 river mi below Cairo, Ill. Lat 34° 40' 55.82" (±1720 m); long 90° 35' 22.49" (±573 m). BM is in Pillow Mound Field; 70 ft below upper edge of woods; 700 ft back of top bank (1933); and 729.0 ft N of St Francis Bend Hub No. 2. BM is standard USED 4-inch pipe and tile. BM Cannon. (USE) MGL. (USE 90) Cap Base	192.26 188.30
References. 8-inch sycamore tree, 20 ft E; 18-inch sycamore tree, 100 ft NW; 32-inch pecan tree, 350 ft SW. MGL. (USE 90)	
HAYNES. Station. (MP 243)	226.1
HAYNES. 450 ft N of depot; 18 ft E of c/l of MP RR; 50 ft W of c/l of Ark St Hwy 1; 60 ft SE of section house. Brass cap on iron pipe set in concrete, stamped "USED M-13-3." MGL. (USE 61)	223.01
HAYNES. 2 mi S of; on S side of dirt rd; 100 ft E of St Hwy 1; in root of 30-inch oak tree. Copper nail and washer. MGL. (USE 61)	217.43

Name and description		Elev. ft.
HAYNES. 3 mi S of; 0.25 mi W of MP RR viaduct; at curve of St Hwy 1; in root of 30-inch gum tree. Copper nail and washer. MGL. (USE 61)		195.44
HAYNES. 4 mi S of; on E end of S pier of hwy bridge over L'Anguille River on St Hwy 1. Square cut in concrete. MGL. (USE 61)		192.65
HOPPER. Est. (AGS 300)		200.
JEFFERSONVILLE. On rt bank of L'Anguille River at its junction with St. Francis River in SE cor of school yard; E of Big Springs rd; about 150 ft S of intersection of Big Springs rd with rd leading to river; brass cap on pipe on concrete tile, stamped "USED R 85. 4-2." MGL. (USE 58)	Cap	220.015
	Bolt	216.048
JEFFERSONVILLE. About 1.6 mi S of; on Big Springs rd; at foot of hills; 1,000 ft S of fork in rds on rt bank of Bear Creek; 36 ft below hwy ditch; 100 ft below bridge over Bear Creek; brass cap on iron pipe on concrete tile, stamped USED "Bear Creek." MGL. (USE 58)	Cap	191.990
	Bolt	188.039
JEFFERSONVILLE. About 3 mi S of; on dirt rd; on E side of rd at foot of hills; 30 ft S of where rd crosses small creek on Burk place; 3 ft from picket fence; across rd from 18-inch box elder tree; brass cap in iron pipe on concrete tile, stamped "USED R85. 4-3." MGL. (USE 58)	Cap	199.640
	Bolt	195.692
KOKOMO. Station. (MP 243)		206.4
KOKOMO. Village. Est. (MRC 147)		301.
LADY LEE LANDING. 270.4 river mi below Cairo, Ill. Lat 34° 46' 43.98" (+1355 m); long 90° 28' 01.02" (+26 m). PBM is about 2 mi above Ashley Point and 0.25 mi above Lady Lee Landing; 600 ft from river bank (1932); 1,600 ft NW of gin; 650 ft SW of upper building in field; about 260 ft back of edge of timber on W side of cultivated field. Pipe and tile. PBM 12/D. MGL. (USE 89)	Cap	198.460
	Base	194.470
References. 15-inch hackberry tree, S 25 ft; 15-inch hackberry tree, 20° - 14 ft; 12-inch		

Name and description	Elev. ft.
hackberry tree, 40° - 28 ft; 10-inch hackberry tree, 170° - 27 ft; 14-inch hackberry tree, 220° - 66 ft; 4-inch mulberry tree, 250° - 23 ft; 7-inch hackberry tree, 260° - 51 ft; 14-inch elm tree, 300° - 28 ft. Not included in 1934 adjustment; MRC position and elev used. MGL. (USE 89)	
LA GRANGE. Station. (MP 243)	208.2
L'ANGUILLE RIVER. Ry bridge. (AGS 254)	203.9
MARIANNA. See L'Anguille River. (AGS 254)	
MARIANNA. Station. (MP 243)	234.7
MARIANNA. Miller Lumber Company gage, L'Anguille River, zero of gage. MGL. (USE 61)	156.27
MARIANNA. N side of Chestnut Street; in front of courthouse; at curb line. Top of E post at concrete steps. MGL. (USE 61) MGL. (USE 70)	220.34 220.336
MARIANNA. S entrance to courthouse; on portico of courthouse, at top of steps; on stone base for W pillar. Cut in top of stone base. MGL. (USE 61)	233.31
MARIANNA. On outskirts of; on rt bank of L'Anguille River; on land of Robertson; on small ridge; near an old country rd; 50 ft N of c/l of Texas Street near where it bears sharply to rt. Brass cap on iron pipe, stamped "USED R-85-4-0." MGL. (USE 61) Cap Bolt MGL. (USE 70) Cap	248.04 244.11 248.037
MARIANNA. .25 mi NE of; 1,000 ft N of curve at SE cor of cemetery; 400 ft S of NE cor of cemetery lot; 70 ft SW of yellow fire plug; on W side of rd; in E root of 50-inch red oak tree. RR spike. MGL. (USE 70)	196.339
MARIANNA. 1 mi W of; at intersection of St Hwys 1 and 3; in American Legion Park; in N root of 40-inch gum tree. Nail and washer. MGL. (USE 61)	217.38
MARIANNA. 1 mi NE of; 0.5 mi SW of hwy underpass; 40 ft W of c/l of hwy; in S root of 16-inch pecan	

Name and description	Elev. ft.
tree. Nail. MGL. (USE 70)	191.069
MARIANNA. 1.75 mi NE of; 0.25 mi NE of RR underpass; 160 ft W of white bungalow; 100 ft N of c/l of hwy; in SW root of 14-inch pin oak tree. Nail. MGL. (USE 70)	188.887
MARIANNA. 2 mi NE of; 20 ft W of c/l of hwy; 20 ft NE of old RR branching out from main line; in E root of 24-inch red oak tree. Nail. MGL. (USE 70)	192.950
MARIANNA. Approximately 2.2 mi S of St Route 1; about 800 ft N of white house W of hwy; in woods. Cross cut in SW cor of W concrete culvert headwall. MGL. (USE 65)	221.533
MARIANNA. About 3 mi S of; on St Route 1; at sec line rd; at SE cor of Arkansas College of Agriculture Experiment Station; 200 ft NW of gin and across hwy. Cross mark on NE cor of S headwall of concrete culvert. MGL. (USE 65)	233.686
MARIANNA. 3.5 mi NE of; 0.5 mi NE of New Mount Olive Church; on W side of hwy; on SW cor of concrete culvert headwall. Chiseled square, painted "BM 13." MGL. (USE 70)	188.024
MARIANNA. 3.9 mi S of St Route 1; about 400 ft N of crossroads; about 700 ft N of group of fine large oak trees in front of two story white house W of hwy. Cross cut in SW cor of W headwall of concrete culvert. MGL. (USE 65)	231.779
MARIANNA. 4 mi NE of; 600 ft SW of large Standard Oil sign on S side of rd; 200 ft SW of tenant house; on side of rd; on SE cor of concrete culvert headwall. Chiseled square. MGL. (USE 70)	193.516
MARIANNA. 3 mi W of; 2 mi W of junction of St Hwys 1 and 3; 500 ft E of sharp curve in fence line; on N side of Hwy 3; in root of 40-inch oak tree. Copper nail and washer. MGL. (USE 61)	219.58
MARIANNA. 5.4 mi NE of; 0.25 mi NE of large red barn; 250 ft E of curve; 100 ft NW of negro tenant house; 100 ft E of small drain; 30 ft S of c/l of hwy; concrete post, stamped "1930 C of E." MGL. (USE 70)	194.358
MARIANNA. 6 mi NE of; 3 mi SW of hwy bridge over	

Name and description	Elev. ft.
St. Francis River; 110 ft S of deserted RR trestle; on W side of hwy; on E side of 14-inch gum tree; RR spike, called "BM 10." MGL. (USE 70)	193.259
MARIANNA. 6.1 mi S of junction of St Route 3 and 1; at rd crossing at "Pilgrim Church" and negro school. Cross cut on SW cor of NE headwall of concrete culvert. MGL. (USE 65)	216.302
MARIANNA. 6.5 mi W of; 36 ft S of c/l of St Hwy 3; 22 ft E of c/l of graded rd running S; in NW cor of field; in NW cor of NE¼ sec 23-T2N-R2E. Brass cap on iron pipe set in concrete, stamped "USED Trav Sta 33." MGL. (USE 61)	205.50
MARIANNA. 6.5 mi NE of; 2.5 mi SW of hwy bridge over St. Francis River; 100 ft S of curve in hwy; on inside of curve; E side of hwy; on NE cor of concrete culvert. Chiseled square. MGL. (USE 70)	194.401
MARIANNA. 6.9 mi S of; on St Route 1; at S jog of rd crossing at Nabors Corner; about 150 ft S, SE of cor store; cross mark cut in notch W cor of N headwall of concrete culvert. MGL. (USE 65)	225.761
MARIANNA. 8 mi NE of; 1.8 mi SW of hwy bridge over St. Francis River; 1,000 ft NE of small cemetery on W side of rd; 200 ft NE of R. N. Stovall's mail box; on SE cor of concrete culvert; E side of hwy. Chiseled square. MGL. (USE 70)	190.829
MARIANNA. About 8 mi S of; on St Route 1; 450 ft S of Cypress Corner store; 30 ft W of c/l of hwy. Brass cap on iron pipe set in concrete, stamped "USED M-14-3." MGL. (USE 65)	200.054
MARIANNA. 8.5 mi NE of; 0.6 mi SW of hwy bridge over St. Francis River; S side of hwy; on SE cor of concrete culvert. Chiseled square. MGL. (USE 70)	194.084
MARIANNA. 8.7 mi W of; in fence line on N side of St Hwy 3; 300 ft W of rd intersection at S.S. Smith's store; in S root of 24-inch sweet gum tree. Copper nail and washer. MGL. (USE 61)	201.01

Name and description	Elev. ft.
MARIANNA. 9 mi NE of; on concrete bridge over St. Francis River; on concrete floor guard rail at NW cor of bridge. Painted cross. MGL. (USE 70)	208.347
MARIANNA. 9.1 mi S of; on St Route 1; 1 mi S of Cypress Corner store; at concrete and steel bridge. Cross cut on SE cor at top of NE wingwall of steel and concrete bridge. MGL. (USE 65)	201.343
MARIANNA. 10 mi S of; on St Route 1; 2 mi S of Cypress Corner store; 600 ft N of roadside stand painted green. Cross mark cut on SW cor of W headwall of concrete culvert. MGL. (USE 65)	202.786
MARIANNA. About 10.5 mi S of; on St Route 1; 2.5 mi S of Cypress Corner store; 30 ft E of hwy and 75 ft S of c/l of M&NA RR; about 800 ft N of small store. Brass cap on iron pipe set in concrete, stamped "USED M-14-2." MGL. (USE 65)	201.400
MARIANNA. 10.5 mi W of; 1.8 mi W of S. S. Smith's store; 0.3 mi W of rd crossing; in extreme SE cor of SW¼ of SE¼ of sec 18-T2N-R2E; on N side of St Hwy 3. Brass cap on iron pipe set in concrete, stamped "USED Trav Sta 51." MGL. (USE 61)	203.46
MARIANNA. 11.5 mi W of; 700 ft W of three-way service station; 550 ft W of intersection of St Hwy 3 and MP RR; 36 ft N of hwy; near SW cor of SE¼ of sec 14-T2N-R1E. Brass cap on iron pipe set in concrete, stamped "USED Trav Sta 61." MGL. (USE 61)	203.50
MARIANNA JUNCTION. Est. (MRC 136)	225.
MORO. See Big Creek Bridge. (USE 34)	
MORO. Station. (M&NA 250)	200.0
MORO. Top of rail opposite M&NA RR station. MSL. (USC&GS 17)	202.2
MORO. Top of rail opposite M&NA RR milepost 326. MSL. (USC&GS 17)	200.2
MORO. 43 ft NW of N cor of M&NA RR station; about 1/2 pole SE of milepost 326-27, about 174 ft NW of center of grade crossing, and 30 ft SW of c/l of track. Standard disk, stamped "H 15 1932" and set in top of concrete post. MSL. (USC&GS 17)	202.109

Name and description	Elev. ft.
MORO. Top of rail opposite M&NA RR milepost 327. MSL. (USC&GS 17)	201.0
MORO. Top of rail opposite M&NA RR milepost 325. MSL. (USC&GS 17)	202.0
MORO. About 1.9 mi SE along M&NA RR from station; 7 ft SE of pole 328+24; about 80 yds NW of crossing of St Hwy 3; 40 ft NE of c/l of track, and 39 ft SW of c/l of St Hwy 78. Standard disk, stamped "G 15 1932" and set in top of concrete post. MSL. (USC&GS 17)	202.467
MORO. Top of rail opposite M&NA RR milepost 328. MSL. (USC&GS 17)	198.3
MORO. About 2 mi NW along M&NA RR from station, at Little Prairie, at pole 324+25; 60 ft N of W end of RR culvert; 49 ft SW of c/l of track, and 42 ft W of c/l of N and S Co rd. Standard disk, stamped "J 15 1932" and set in top of concrete post. MSL. (USC&GS 17)	201.469
MORO. Top of rail opposite M&NA RR milepost 324. MSL. (USC&GS 17)	204.8
MORO. Top of rail opposite M&NA RR milepost 329. MSL. (USC&GS 17)	201.3
MORO. Top of rail opposite M&NA RR milepost 330. MSL. (USC&GS 17)	207.0
MORO. Top of rail opposite M&NA RR milepost 331. MSL. (USC&GS 17)	204.6
MOUND PLACE LANDING. 294.0 river mi below Cairo, Ill. TBM is brass nail and copper washer in 30-inch twin willow oak tree; on W side 2 ft above ground; 10 ft S of BM LF 211. Copper plate in notch, stamped "TBM C." MGL. (USE 90)	191.56
MOUND PLACE LANDING. 294.3 river mi below Cairo, Ill. TBM is brass nail and copper washer in notch cut on 12-inch sycamore stump; 20 ft N of BM Cannon. For better description see BM Cannon. Copper plate in triangular blaze, stamped "TBM 20." MGL. (USE 90)	191.89
MOUND PLACE LANDING. 294.5 river mi below Cairo, Ill. TBM is brass nail and copper washer in notch cut on NE side of 24-inch triple sycamore	

Name and description	Elev. ft.
tree, 10 ft W of BM LF 213. Copper plate in triangular blaze, stamped "TBM D." MGL. (USE 90)	190.11
OAK FOREST. Village. Est. (MRC 136)	204.
OAK WOOD. Station. (MP 243)	218.0
PETERS. See Lady Lee Landing. (USE 89)	
PETERS. Village. Est. (MRC 124)	196.
PETERS LANDING. 268.2 river mi below Cairo, Ill. Lat 34° 48' 58.76" (+1811 m); long 90° 27' 41.73" (+1061 m). BM is approximately 500 ft upstream from concrete end of spur levee of Peters Landing; 150 ft back from top bank and 20 ft of old rd. Pipe and tile. BM 60 D Peters B L. MGL. (USE 89) Cap Base	197.46 193.49
References. 50-inch cottonwood tree, 70 ft S; 10-inch black locust tree, 50 ft W; 12-inch maple tree, 20 ft NW; 10-inch cottonwood tree, 15 ft SE. MGL. (USE 89)	
PETERS LANDING. 268.2 river mi below Cairo, Ill. TBM is top of head of boat spike driven vertically in notch cut in root of 4-ft pecan tree on spur levee side of tree; pecan tree stands 13 ft in front of river end of concrete pavement which protects end of spur levee; 16 ft back of top of river bank. TBM Pavement. MGL. (USE 89)	202.19
PETERS LANDING. 268.2 river mi below Cairo, Ill. TBM is brass nail and copper washer in land root of 48-inch pecan tree; 100 ft above gage. TBM 134. (1935). MGL. (USE 89)	202.27
PETERS LANDING. 268.3 river mi below Cairo, Ill. TBM is brass nail in copper washer in N root of 18-inch sycamore tree; approximately 500 ft up levee from LMM 198/199; 200 ft up levee from end of old dry slough where trees end; 100 ft from toe of slope of levee on landside; on bank of small field ditch; copper plate in blaze on tree facing levee, stamped "TBM 56-G." MGL. (USE 89)	198.00
PETERS LANDING. 268.1 river mi below Cairo, Ill. Lat 34° 49' 08.21" (+253 m); long 90° 27' 52.10"	

Name and description		Elev. ft.
(+1324 m). BM is about 0.38 mi NW of Peters Landing; 65 ft back of top of levee at point 2,400 ft above LMM 198/199; on Peters plantation; in yard of new school building; yard has 6 evergreen trees in it. Pipe and tile. BM Peters. MRC. MGL. (USE 89)	Cap	201.52
	Base	197,53
References. 16-inch cedar tree, 10° - 11 ft; 16-inch pine tree, 180° - 10 ft. MGL. (USE 89)		
PETERS LANDING. 268.0 river mi below Cairo, Ill. TBM is brass nail in copper washer in W root of 18-inch leaning cedar tree; 0.38 mi NW of Peters Landing; 2,400 ft above LMM 198/199; on Peters plantation; in yard of new school building; 45 ft NW of BM Peters; copper plate in blaze on tree facing levee, stamped "TBM Peters-G." MGL. (USE 89)		200.08
PETERS LANDING. 268.5 river mi below Cairo, Ill. TBM is copper nail driven in river face of 4-inch cottonwood tree about 1 mi below Peters Landing and 1,500 ft back of top bank. TBM is on rd from Peters to Ashley Point. TBM 1 Roberson. MGL. (USE 89)		200.88
PETERS LANDING. 267.9 river mi below Cairo, Ill. TBM is brass nail in copper washer in W root of 30-inch cottonwood tree; 200 ft below LMM 197/198; 200 ft down levee from where Peters new levee loop begins. Copper plate in blaze on tree facing new levee, stamped "TBM 55-G." MGL. (USE 89)		197.32
PETERS LANDING. 268.8 river mi below Cairo, Ill. TBM is brass nail in copper washer in notch cut on W side of 28-inch sycamore tree; approximately 0.05 mi below LMM 198/199; 300 ft up levee from ramp leading across levee; 100 ft from toe of landside slope of levee at lower end of heavy woods; copper plate in blaze on tree facing levee; stamped "TBM 57-G." MGL. (USE 89)		192.97
PETERS LANDING. 268.9 river mi below Cairo, Ill. Position not known. BM is pipe and tile on rt bank of Mississippi River; about 1 mi below Peters Landing on top bank of chute behind Campbells Bar, near NE end of an old field, now partially grown up with small cottonwood		

Name and description		Elev. ft.
and willow trees, and 250 ft back of top bank under 28-inch cottonwood tree that stands out above surrounding timber. BM 16A. MGL. (USE 89)	Cap	200.52
	Base	196.56
References. 28-inch cottonwood tree, S 20° - E 15.2 ft. MGL. (USE 89)		
PETERS LANDING. 267.5 river mi below Cairo, Ill. Lat 34° 50' 18.87" (+581 m); long 90° 28' 34.58" (+879 m). BM is on landside of levee, at levee MM 196/197; 103.7 ft from c/l of levee. From BM 195/196 to reference 195/196 azimuth 336° 44' 00", distance 516.1 ft. Standard levee BM. BM 196/197 L St F L D. MGL. (USE 89)	BM	199.79
	Reference	199.59
PETERS LANDING. 267.6 river mi below Cairo, Ill. TBM is brass nail in copper washer in W root of 8-inch sycamore tree; 800 ft below LMM 196/197; 150 ft S of green house; 15 ft from toe of levee, on landside; copper plate in blaze on tree, facing levee, stamped "TBM 53-G." MGL. (USE 89)		198.66
PETERS LANDING. 269.0 river mi below Cairo, Ill. TBM is boat spike driven vertically in notch on SW side of 26-inch cottonwood tree; approximately 150 ft SW of BM L F 199; copper plate in blaze on tree on side facing BM L F 199-G, stamped "TBM L F 199." MGL. (USE 89)		192.57
PETERS LANDING. 269.1 river mi below Cairo, Ill. TBM is brass nail in copper washer in N root of 30-inch cottonwood tree; approximately 0.5 mi below LMM 199/200; approximately 1,800 ft above gravel rd leading from levee; at toe of banquette. Copper plate in blaze on tree facing levee, stamped "TBM 58-G." MGL. (USE 89)		193.94
PETERS LANDING. 267.3 river mi below Cairo, Ill. Lat 34° 49' 54.50" (+1679 m); long 90° 27' 17.43" (+443 m). BM is approximately 600 ft above Peters Landing; 60 ft back from top bank in woods; in grove of 15-inch willow trees, of which 5 are blazed. Pipe and tile; 2.2 ft above ground. BM 0400 Peters B L. MGL. (USE 89)	Cap	198.05
	Base	194.07
PETERS LANDING. 267.3 river mi below Cairo, Ill. TBM is brass nail in copper washer in NW root of		

Name and description	Elev. ft.
18-inch twin sycamore stump; 0.5 mi below LMM 195/196; 325 ft below ramp; 40 ft from toe of banquette of landside; at angle in levee. Copper plate, stamped "TBM 52-G." MGL. (USE 89)	199.51
PETERS LANDING. 269.2 river mi below Cairo, Ill. TBM is brass nail in notch cut on N side of 30-inch cottonwood tree; 1,400 ft below gravel rd leading from levee to Brickeys, Ark; 1,000 ft below LMM 200/201, 10 ft from toe of banquette on landside; copper plate in blaze on tree facing levee, stamped "TBM 59-G." MGL. (USE 89)	193.09
PETERS LANDING. 269.3 river mi below Cairo, Ill. TBM is brass nail in copper washer in levee root of 12-inch pecan tree; 0.5 mi below LMM 200/201; 200 ft below drainage ditch in edge of woods; 100 ft from toe of banquette, on landside; in edge of woods; copper plate in blaze on tree facing levee, stamped "TBM 60-G." MGL. (USE 89)	191.50
PETERS LANDING. 269.4 river mi below Cairo, Ill. TBM is brass nail in copper washer in levee root of 24-inch pecan tree; approximately 200 ft below LMM 201/202; 20 ft W of BM R-91.2-5; on landside of levee. TBM R-91.2-5G. MGL. (USE 89)	191.56
PETERS LANDING. 269.4 river mi below Cairo, Ill. TBM is boat spike driven vertically in notch in 24-inch elm tree 18-inches above ground on downstream side; 600 ft in front of house; 50 ft from toe of banquette of landside; at LMM 202/203; copper plate in blaze in tree on side facing levee stamped "TBM 62-G." MGL. (USE 89)	193.72
PETERS LANDING. 269.5 river mi below Cairo, Ill. TBM is brass nail in copper washer in top of 12-inch locust stump; 250 ft up levee from angle in levee; at levee Sta 201/30400, at toe of banquette on landside; copper plate on stump, stamped "TBM 61-G." MGL. (USE 89)	197.52
PETERS LANDING. 269.5 river mi below Cairo, Ill. TBM is brass nail in copper washer in W root of 30-inch twin sycamore tree; 400 ft below small shack; 300 ft below angle in levee; 100 ft from toe of banquette, on landside; at	

Name and description		Elev. ft.
levee Sta 202/32+00; copper plate in blaze on tree, stamped "TBM 63-G." MGL. (USE 89)		193.16
PHILLIPS BAYOU FERRY. 294.8 river mi below Cairo, Ill. TBM is boat spike driven horizontally in center of triangular blaze on levee face of 30-inch red oak tree at mile 214/215. This is the same tree on which TBM 13 is set. Marked by a copper washer turned upside down and stamped "H W TBM 11." MGL. (USE 90)		213.63
PHILLIPS BAYOU FERRY. 295.0 river mi below Cairo, Ill. Lat 34° 39' 56.62" (+1745 m); long 90° 38' 01.90" (+48 m). BM is 1,000 ft below MP 215/216; 200 ft from bank of St. Francis River, in edge of field; on landside of St. Francis Levee; azimuth 133° 17' 813.6 ft from c/l of levee. Brass cap on iron pipe, stamped "R-98.2-9." MGL. (USE 90)	Cap Base	190.67 186.70
PHILLIPS BAYOU FERRY. 295.0 river mi below Cairo, Ill. TBM is brass nail and copper washer in N root of 30-inch pecan tree; 40 ft W of BM LF 215. Copper plate in notch, stamped "TBM E." MGL. (USE 90)		190.52
PHILLIPS BAYOU FERRY. 295.4 river mi below Cairo, Ill. TBM is 30 penny spike nail driven horizontally in center of triangular blaze on downstream side of 24-inch pecan tree located 30 ft N of 36-inch sycamore tree, about 11 mi below Whitehall; on landside of levee; 70 ft from toe of slope on lt bank of St. Francis River; 125 ft from top bank at old house place; 1,500 ft above Phillips Bayou Ferry at Mile 216/5+00 marked by copper washer turned upside down and stamped "H W TBM 13." MGL. (USE 90)		212.75
PHILLIPS BAYOU FERRY. 295.5 river mi below Cairo, Ill. TBM is brass nail in copper washer in notch cut on E side of 30-inch sycamore tree; 10.5 mi below Whitehall, Ark. on lt bank of St. Francis River; 300 ft from toe of landside levee slope; 20 ft from top bank; at levee mile 215/25+00. Copper plate in triangular blaze, stamped "TBM 15." There is an old TBM set in same notch, a 20 penny spike. MGL. (USE 90)		187.82
PHILLIPS BAYOU FERRY. 295.5 river mi below Cairo, Ill. Lat 34° 39' 10.22" (+315 m); long 90° 38'		

Name and description	Elev. ft.
00.36" (+9 m). BM is about 11 mi along levee below Whitehall, Ark; 25 ft back of levee toe; across rd from LMP 216/217. Azimuth from MP 216/217 to BM 216/217 93° 04' distance 91.5 ft; azimuth from BM 216/217 to reference 216/217 0° 44' 00", distance 484.3 ft. Reference 216/217 elev 194.03. BM and reference are standard levee markers. BM 216/217 L St F L D. MGL. (USE 90)	191.48
PHILLIPS BAYOU FERRY. 295.7 river mi below Cairo, Ill. TBM is brass nail and copper washer in river face of 8-inch willow tree, on lt bank of St. Francis River; about 7 mi above mouth of St. Francis River; 20 ft E of rd leading to ferry; at top of bank. Copper plate in triangular blaze stamped "TBM 17." MGL. (USE 90)	187.62
PHILLIPS BAYOU FERRY. 295.7 river mi below Cairo, Ill. TBM is brass nail and copper washer in NW root of 26-inch post oak tree; on rt bank of St. Francis River; at ferry landing; 75 ft E of c/l of ferry rd; 60 ft back of top bank. Copper plate in triangular blaze, stamped "TBM 19." MGL. (USE 90)	179.58
PHILLIPS BAYOU FERRY. 296.5 river mi below Cairo, Ill. TBM is brass nail and copper washer in NW root of 36-inch sycamore tree; 30 ft S of BM LF 217. Copper plate in notch, stamped "TBM F." MGL. (USE 90)	189.60
PHILLIPS BAYOU FERRY. 296.5 river mi below Cairo, Ill. TBM is boat spike driven horizontally in center of triangular blaze in levee face of a sycamore that has TBM F set on it. Marked by copper washer turned upside down and stamped "H W TBM 14." MGL. (USE 90)	212.69
PHILLIPS BAYOU FERRY. 296.5 river mi below Cairo, Ill. TBM is brass nail and copper washer in N root of 24-inch elm tree; 12.5 mi below Whitehall, Ark; about 0.5 mi above end of levee; 80 ft from toe of levee slope; 75 ft from top bank; at LM 217/25+00. Copper plate in triangular blaze, stamped "TBM 18." MGL. (USE 90)	191.96
PHILLIPS BAYOU FERRY. 296.5 river mi below Cairo, Ill. Lat 34° 38' 13.72" (+423 m); long 90° 37' 47.36" (+1206 m). BM is 12 mi below Whitehall, Ark; 800 ft from LMP 217/218; 200 ft from toe	

Name and description		Elev. ft.
of levee; 400 ft up river from 30-inch cedar tree; 40 ft from top bank; 30 ft N of 36-inch sycamore tree; on lt bank of St. Francis River. USED tile and pipe, stamped "L 217." MGL. (USE 90)	Cap	191.32
	Base	187.31
PHILLIPS BAYOU FERRY. 296.7 river mi below Cairo, Ill. Lat 34° 38' 19.17" (+591 m); long 90° 37' 49.06" (+1250 m). On lt bank of St. Francis River; about 2.5 mi above mouth 100 ft back of river bank; 70 ft from landside toe of levee opposite LMP 217/218; azimuth from milepost 217/218 to BM 217/218 66° 30' distance 119.6 ft; azimuth from BM 217/218 to reference 217/218 337° 07' 30" distance 511.8 ft. Reference 217/218 elev 192.39. BM and reference are standard levee markers. BM 217/218 L St F L D. MGL. (USE 90)		192.62
PHILLIPS BAYOU FERRY. 297.0 river mi below Cairo, Ill. TBM is brass nail and copper washer in SE root of 24-inch sycamore tree; on rt bank of St. Francis River; 1 mi below Phillips Bayou Ferry; 25 ft NW of BM R85.4-4. Copper plate in triangular blaze, stamped "TBM 21." MGL. (USE 90)		186.36
PHILLIPS BAYOU FERRY. 297.1 river mi below Cairo, Ill. Lat 34° 38' 15.22 (+469 m); long 90° 38' 09' 53" (+243 m). BM is 7.5 mi N of intersection of McDonough Street and Big Spring rd in Helena; 1,500 ft from rt bank of St. Francis River; on rt bank of and 100 ft S of Distillery Branch; 125 ft from bridge across branch; about 40 ft W of Big Spring rd; 0.25 mi from S of Lee and Phillips Co line. In front of Boys Scout Camp. BM is standard USED tile and pipe cap, stamped "R 85.4-4." MGL. (USE 90)	Cap	191.35
	Base	187.38
PHILLIPS BAYOU FERRY. 297.2 river mi below Cairo, Ill. TBM is boat spike driven horizontally in center of a triangular blaze on downstream side of 30-inch twin sycamore tree, about 13 mi below Whitehall on landside of levee; 200 ft from toe of slope on lt bank of St. Francis River; 20 ft from top bank; approximately 1,300 ft above lower end of levee. Marked by copper washer turned upside down and stamped "H W TBM 15." MGL. (USE 90)		213.51

Name and description	Elev. ft.
PHILLIPS BAYOU FERRY. 297.5 river mi below Cairo, Ill. TBM 22 is brass nail and copper washer in W root of 10-inch pecan tree; 13 mi below Whitehall, Ark; on lt bank of St. Francis River; 200 ft from top bank; 90 ft from toe of slope of levee; at end of levee at levee mile 218/219. Copper plate in triangular blaze, stamped "TBM 22." MGL. (USE 90)	191.56
PHILLIPS BAYOU FERRY. 297.5 river mi below Cairo, Ill. Lat 34° 37' 39.24" (+1209 m); long 90° 37' 09.73" (+248 m). BM is about 1.5 mi above mouth of St. Francis River; at lower end of Lower St. Francis Levee; 20 ft from landside toe of levee; on lt bank of St. Francis River. Azimuth from LMP 218/219 to BM 218/219 34° 42' distance 72.3 ft. Azimuth from BM 218/219 to reference 218/219 123° 10' 10" distance 534.1 ft. Reference 218/219 elev 191.10. BM and reference are standard levee BM's. BM 218/219 L St F L D. MGL. (USE 90)	191.59
PHILLIPS BAYOU FERRY. 297.6 river mi below Cairo, Ill. BM is spike in a 2-ft locust tree 30 ft in front of gage. BM 129 (1933). MGL. (USE 90)	188.40
PILLOW MOUND. Est. (AGS 300)	208.
POINSETT. Est. (MRC 147)	185.
REESE. 266.2 river mi below Cairo, Ill. Lat 34° 52' 10.42" (+324 m); long 90° 25' 40.92" (+1039 m). BM is on landside of levee at LMM 188/189; 123.6 ft from c/l of levee. From BM 188/189 to reference 188/189, azimuth 339° 39' 50", distance 482.5 ft. Standard levee BM. BM 188/189 L St F L D. MGL. (USE 89) BM Reference	196.84 196.67
REESE. 266.2 river mi below Cairo, Ill. TBM 46-G is standard brass nail in copper washer in S root of 24-inch sweet gum tree; 400 ft W of colored school house; 100 ft from toe of banquette, on landside, at LMM 189/190. Copper plate in blaze on tree, stamped "TBM 46-G." MGL. (USE 89)	202.91
REESE. 266.3 river mi below Cairo, Ill. Lat 34° 52' 59.93" (+1847 m); long 90° 25' 59.52" (+1511 m). From LMM 189/190 to BM 189/190, azimuth 229° 11' distance 80.7 ft from BM	

Name and description		Elev. ft.
189/190 to reference 189/190; azimuth 321° 19' 20" distance 444; 4 ft from BM 189/190 to LF 189/190; azimuth 201° 33' 20", distance 272.0 ft. Standard levee BM. BM 189/190 L St F L D. MGL. (USE 89)	BM	199.84
	Reference	201.21
REESE. 266.3 river mi below Cairo, Ill. TBM is brass nail in copper washer in E root of 12-inch maple tree; 110 ft NW of BM L F 189; behind bungalow house. Copper plate nailed on tree, stamped "TBM LF 189-G." (USE 89) MGL.		201.72
REESE. 266.3 river mi below Cairo, Ill. Lat 34° 53' 02.43" (+75 m); long 90° 25' 58.32" (+1481 m). BM is at SE cor of board fence around tenant house; 271 ft landward of BM 189/190. Standard USED BM. BM LF 189. MGL. (USE 89)	Cap	202.66
	Base	198.75
REESE. 266.4 river mi below Cairo, Ill. Lat 34° 53' 29.09" (+1896 m); long 90° 26' 52.01 (+1321 m). BM is on landside of levee at LMM 190/191; 105.9 ft from c/l of levee. From BM 190/191 to reference 190/191; azimuth 113° 30' 50", distance 453.7 ft. Standard levee BM. BM 190/191. MGL. (USE 89)	BM	202.50
	Reference	200.95
REESE. 266.4 river mi below Cairo, Ill. TBM is brass nail in copper washer in S root of 30-inch elm tree; 1,200 ft N of c/l of levee at point 1,800 ft below LMM 190/191; 100 ft NW of BM R 92.2-3; 30 ft N of rd leading from flood gate to levee; 110 ft W of old store. Copper plate in blaze of tree facing levee, stamped "TBM R 92.2-3G." MGL. (USE 89)		199.72
REESE. Village. Est. (MRC 124)		203.
REESE. 266.5 river mi below Cairo, Ill. TBM is brass nail in copper washer in notch cut on W side of 18-inch cottonwood tree, 3 ft above ground; 600 ft down levee from LMM 191/192; 25 ft from toe of banquette on landside copper plate in blaze on tree facing levee, stamped "TBM 48-G." MGL. (USE 89)		200.76
REESE. 266.5 river mi below Cairo, Ill. TBM is 150 ft SW of BM 106 A; on land face of 8-inch cottonwood tree. Copper nail and washer. TBM Tough. MGL. (USE 89)		199.19

Name and description		Elev. ft.
REESE. 266.5 river mi below Cairo, Ill. Lat 34° 53' 44.64" (+1376 m); long 90° 27' 12.51" (+318 m). BM R 92.2-3 is on N side of public rd from Blue Point to Hughes; 1,100 ft N of c/l of levee at point 1,800 ft below LMM 190/191; pipe and tile. Position and elev from 1935 levee record survey. Low water survey position and elev found to be in error. BM R 92.2-3 (USE). MGL. (USE 89)	Cap	197.14
	Base	193.19
References. SE cor of house 72 ft; 40-inch elm tree SW 110 ft; 60-inch cypress tree NE 18 ft. MGL. (USE 89)		
REESE. 266.5 river mi below Cairo, Ill. Position not known. BM 106-A is on rt bank of Mississippi River; about 0.5 mi above head of chute behind Mac Towhead; on high ridge about 400 ft back of top bank. BM is approximately due N of lower end of timber (switch willows) on Baskett Bar. USED pipe and tile. MGL. (USE 89)	Cap	203.02
	Base	199.05
References. 6-inch maple tree 13.5 ft due N; 10-inch leaning cottonwood tree 12.5 ft NW; 14-inch cottonwood tree 8.5 ft 10° E of S. MGL. (USE 89)		
REESE. 266.5 river mi below Cairo, Ill. Lat 34° 53' 57" (+1127 m); long 90° 27' 53.15" (+1350 m). From LMM 191/192 to BM 191/192; azimuth 169° 20' distance 100.5 ft. From BM 191/192 to reference 191/192; azimuth 72° 34' 40", distance 542.4 ft. Standard levee BM. BM 191/192 L St F L D. MGL. (USE 89)	BM	198.96
	Reference	198.63
REESE. 266.5 river mi below Cairo, Ill. TBM is brass nail in copper washer in notch cut on W side of 12-inch willow tree; 1 ft above ground; 50 ft W of BM LF 192. Copper plate in blaze on tree, stamped "TBM LF 192-G." MGL. (USE 89)		198.54
REESE. 266.5 river mi below Cairo, Ill. Lat 34° 53' 25.21" (+777 m); long 90° 28' 26.72" (+678 m). Standard USED BM LF 192. MGL. (USE 89)	Cap	200.75
	Base	196.81

Name and description	Elev. ft.
RONDO. Top of rail opposite M&NA RR station. MSL. (USC&GS 17)	216.4
RONDO. 96 ft SE of SE cor of M&NA RR station; 7 ft SE of pole 340-10; 42 ft SE of center of grade crossing, 40 ft NE of c/l of track, and 4½ ft SE of SE edge of sidewalk. Standard disk, stamped "C 15 1932" and set in top of concrete post. MSL. (USC&GS 17)	216.026
RONDO. Top of rail opposite M&NA RR milepost 340. MSL. (USC&GS 17)	214.3
RONDO. Top of rail opposite M&NA RR milepost 341. MSL. (USC&GS 17)	216.9
RONDO. Top of rail opposite M&NA RR milepost 339. MSL. (USC&GS 17)	207.5
RONDO. Top of rail opposite M&NA RR milepost 338. MSL. (USC&GS 17)	204.2
RONDO. Top of rail opposite M&NA RR milepost 342. MSL. (USC&GS 17)	218.1
RONDO. Top of rail opposite M&NA RR milepost 343. MSL. (USC&GS 17)	218.6
RONDO. Top of rail opposite M&NA RR milepost 344. MSL. (USC&GS 17)	204.7
RONDO. About 2.8 mi NW along M&NA RR; about 1/2 pole SE of pole 337-14, 59 ft SE of center of grade crossing, 45 ft SW of c/l of track, and 6 ft SE by E of fence cor. Standard disk, stamped "D 15 1932" and set in top of concrete post. MSL. (USC&GS 17)	201.985
SOUDAN. Station. (MP 243)	202.6
SPRING CREEK. Village. Est. (MRC 138)	193.
THOMASVILLE. About 2.25 mi NW along M&NA RR from station at Aubrey, at Thomasville; 69 ft SE of pole 331-23; 62 ft S of SE cor of house owned by Mattie Vinson; 33 ft NW of center of rd crossing, and 52 ft NE of c/l of main track. Standard disk, stamped "F 15 1932" and set in top of concrete post. MSL. (USC&GS 17)	203.172
TONGIN. Station. (MP 243)	206.0

Name and description	Elev. ft.
VINEYARD. Village. Est. (MRC 138)	200.
WALNUT BEND. 278.0 river mi below Cairo, Ill. Lat 34° 45' 17.03" (+525 m); long 90° 32' 55.16" (+1403 m). SPM is an old levee at; 195 ft below junction of old and new levees; in bend of old levee; on river side of crown; 524 ft above; B L Sta 128+00. Mark is 2½-inch iron pipe. SPM 23 (USE). MGL. (USE 90)	210.59
WALNUT BEND. 277.9 river mi below Cairo, Ill. HW TBM 2 is boat spike driven horizontally in triangular blaze in levee face of a 12-inch cottonwood tree, marked by copper washer turned upside down and stamped "HW TBM 2." This HW TBM is on same tree as TBM 2. MGL. (USE 90)	213.47
WALNUT BEND. 278.6 river mi below Cairo, Ill. TBM is brass nail and copper washer in E root of 24-inch twin maple tree; 100 ft S of BM LF 207. Copper plate in triangular blaze, stamped "TBMA." MGL. (USE 90)	192.72
WALNUT BEND. 279.8 river mi below Cairo, Ill. TBM is boat spike in center of triangular blaze on S side of same tree that TBM 7 is set on, marked by copper washer turned upside down and stamped "HWTBM 7." MGL. (USE 90)	212.82
WALNUT BEND. 279.8 river mi below Cairo, Ill. TBM is brass nail and copper washer in W root of 30-inch sweet gum tree, 10 ft SW of BM LF 209. Copper plate in triangular blaze, stamped "TBMB." MGL. (USE 90)	191.78
WALNUT BEND LANDING. 281.9 river mi below Cairo, Ill. Lat 34° 41' 41.84" (+128.9 m); long 90° 31' 24.70" (+629 m). Mark is in field just below narrow part of neck at sta 430+00 of Walnut Bend Extension Base Line. Mark is 2½-inch iron pipe. MGL. (USE 90)	197.92
WHEATLEY. St. Francis Co L 15. In Lee Co, about 2.5 mi SE along M&NA RR from; at pole 319-20, 59 ft W of c/l of St Hwy 78; 45 ft NE of c/l of main track and 39 ft N of c/l of E and W Co rd. Standard disk, stamped "L 15 1932" and set in top of concrete post. MSL. (USC&GS 17)	209.507
WHEATLEY. St. Francis Co K 15. In Lee Co, about 5.4 mi SE along M&NA RR from; about 0.25 mi SE	

Name and description	Elev. ft.
of siding at Hopper; 13 ft SE of pole 321-21; 55 ft N of c/l of E and W Co rd, and 47 ft NE of c/l of track. Standard disk, stamped "K 15 1932." Set in top of concrete post. MSL. (USC& GS 17)	195.892
WHITEHALL. Est. (AGS 300)	200.
WHITEHALL. 277.8 river mi below Cairo, Ill. TBM is at; about 1 mi above Whitehall Landing; about 500 ft W of LMP 205/206; 60 ft NW of E. M. Winston; 20 ft N of c/l of E and W dirt rd; in S root of 20-inch locust tree; copper nail and brass washer. Copper plate in triangular blaze, stamped "TBM 1." MGL. (USE 90)	195.23
WHITEHALL. 277.9 river mi below Cairo, Ill. TBM is brass nail and copper washer in SE root of 12-inch cottonwood tree; 0.5 mi below; 50 ft N of landside levee toe; 400 ft below levee ramp; directly behind farm house; at about LM 205/34400. Copper plate in triangular blaze, stamped "TBM 2." MGL. (USE 90)	197.22
WHITEHALL. 278.0 river mi below Cairo, Ill. Lat 34° 45' 24.06" (+741 m); long 9° 33' 03.98" (+101 m). BM is 1 mi below; 40 ft from toe of levee; 15 ft N of rd; opposite LMP 206/207. Azimuth from P 206/207 to BM 206/207 140° 34' distance 125.9". BM 206/207 L St F L D. MGL. (USE 90)	196.12
References. 206/207 elev 196.15. Azimuth from BM 206/207 to reference 206/207 231° 35' 10", distance 539.1 ft. BM and reference are standard BM's. MGL. (USE 90)	
WHITEHALL. 278.3 river mi below Cairo, Ill. TBM is brass nail and copper washer in S face of 10-inch cottonwood tree; 1.5 mi below; 1,000 ft above angle in levee; 60 ft E of landside levee toe; in small willow thicket. Copper plate in triangular blaze, stamped "TBM 3." MGL. (USE 90)	191.47
WHITEHALL. 278.6 river mi below Cairo, Ill. Lat 34° 44' 53.72" (+1655 m); long 90° 33' 47.87" (+1218 m). BM is 2 mi below; at curve in levee opposite LMP 207/208; 700 ft from old dry bayou; 40 ft N of rd. Azimuth from MP 207/208 to BM 207/208 152° 30' distance 201.8 ft. Azimuth	

Name and description	Elev. ft.
from BM 207/208 to reference 207/208 53° 17' 50", distance 537.2 ft. MGL. (USE 90)	188.20
References. 207/208 elev 186.34. BM and reference are standard levee. BM 207/208 L St F L D. MGL. (USE 90)	
WHITEHALL. 294.0 river mi below Cairo, Ill. TBM is brass nail and copper washer in E root of 12-inch pecan tree; 55 mi below; 20 ft W of landside levee toe; about 1,000 ft N of small bungalow house; 800 ft S of angle in levee; in fence row at LM 210/28+00. Copper plate in triangular blaze, stamped "TBM 8." MGL. (USE 90)	192.69
WHITEHALL. 294.0 river mi below Cairo, Ill. Lat 34° 42' 32.37" (+997 m); long 90° 36' 09.14" (+233 m). BM is 6 mi below; 95 ft below LMP 211/212; 40 ft to landside of levee toe in woods. USED pipe and tile, stamped LF 211. 24-inch elm tree 121° 30'; 30-inch pin oak tree 9° 15'. BM LF 211. MGL. (USE 90)	
Base	186.25
Cap	190.21
WHITEHALL. 294.0 river mi below Cairo, Ill. Lat 34° 42' 33.27" (+1025 m); long 90° 36' 08.86" (+225 m). BM is 6 mi below; opposite LMP 211/212; 20 ft from landside toe of levee; on fence; on fence line. Azimuth from MP 211/212 to BM 211/212 88° 54' distance 50.0 ft. Azimuth from BM 211/212 to reference 211/212 179° 48' 30", distance 323.9 ft. MGL. (USE 90)	189.89
References. 211/212 elev 191.49. BM and reference are standard levee BM's. BM 211/212 L St F L D. MGL. (USE 90)	
WHITEHALL. 294.0 river mi below Cairo, Ill. TBM is boat spike driven horizontally in levee face of 24-inch sycamore tree, about 6 mi below; on landside of levee at toe of slope at mi 211/212. Marked by a copper washer turned upside down and stamped "HW TBM 8." MGL. (USE 90)	211.81
WHITEHALL. 294.1 river mi below Cairo, Ill. TBM 9 is brass nail and copper washer in notch cut in E side of 24-inch quadruple locust tree;	

Name and description	Elev. ft.
2 ft above ground; 6.5 mi below; 15 ft from landside toe of levee; 150 ft E of small house; in fence row at LM 211/26+00. Copper plate in triangular blaze, stamped "TBM 9." MGL. (USE 90)	194.54
WHITEHALL. 294.1 river mi below Cairo, Ill. TBM is brass nail and copper washer in root of 10-inch cottonwood tree facing levee; 7 mi below; 500 ft above angle in levee; 350 ft below ramp across levee; at landside toe of levee. Copper plate in triangular blaze, stamped "TBM 10." MGL. (USE 90)	191.17
WHITEHALL. 294.4 river mi below Cairo, Ill. Lat 34° 41' 41.45" (+1277 m); long 90° 35' 52.95" (+1348 m). BM is 7 mi below; 15 ft from landside toe of levee at LMP 212/213. Azimuth from MP 212/213 to BM 212/213 44° 23' distance 58.8 ft; azimuth from BM 212/213 to reference 212/213 312° 55' 50" distance 491.5 ft, reference 212/213 elev 191.91. BM and reference are standard levee BM's. BM 212/213 L St F L D. MGL. (USE 90)	191.36
WHITEHALL. 294.2 river mi below Cairo, Ill. TBM is boat spike driven horizontally in 12-inch cottonwood tree, about 7 mi below; on landside of levee at mi 212/213. Marked by a copper washer turned upside down and stamped "HW TBM 9." MGL. (USE 90)	211.05
WHITEHALL. 294.2 river mi below Cairo, Ill. TBM 11 is brass nail and copper washer in notch cut on 10-inch cottonwood tree, 2 ft above ground; 7.5 mi below; 100 ft below false berm at LM 212/26+00; on landside toe of levee slope. Copper plate in triangular blaze, stamped "TBM 11. MGL. (USE 90)	184.33
WHITEHALL. 294.2 river mi below Cairo, Ill. Lat 34° 41' 08.17" (+252 m); long 90° 35' 58.17" (+1481 m). BM is 7.5 mi below; on top of banquette; at ramp across levee; at levee mi 212/38+00; 10 ft W of rd; directly behind levee gage 68-R. Brass cap in center of concrete block. This BM used in connection with levee gage 68-R. BM 68-R. (USE) MGL. (USE 90)	188.73
WHITEHALL. 294.5 river mi below Cairo, Ill. Lat 34° 40' 58.13" (+1791 m); long 90° 36' 11.52" (+293 m). BM is 8 mi below; 360 ft back of levee,	

Name and description		Elev. ft.
at LMP 213/214; back of old burrow pit in woods. USED tile and pipe, stamped "LF 213. BM LF 213." MGL. (USE 90)	Cap	189.17
	Base	185.20
References. Blazed 18-inch sycamore tree, 112° 45' - 8 ft; blazed 10-inch maple tree, 250° 10' - 30 ft. MGL. (USE 90)		
WHITEHALL. 295.0 river mi below Cairo, Ill. TBM is brass nail and copper washer in notch cut on W side of 20-inch twin pecan tree; 9.5 mi below; 800 ft above ramp across levee; 90 ft W of toe of levee slope; at lower end of heavy woods; at upper end of small field; at LM 214/30+00. Copper plate in triangular blaze, stamped "TBM 14." MGL. (USE 90)		191.10
WHITEHALL. 294.8 river mi below Cairo, Ill. Lat 34° 40' 06.10" (+188 m); long 90° 37' 51.14" (+1302 m). BM is 10 mi along levee below; 747 ft back in field from levee, reference BM 215/216; at old fence line about 900 ft W of BM 215/216. USED tile and pipe, stamped "LF 215." BM LF 215. MGL. (USE 90)	Cap	190.83
	Base	186.86
References. Blazed 20-inch sycamore tree, 118° 25' - 9 ft; blazed 24-inch pecan tree, 192° 35' - 31 ft. MGL. (USE 90)		
WHITEHALL. 295.0 river mi below Cairo, Ill. Lat 34° 39' 59.59" (+1836 m); long 90° 37' 46.92" (+1195 m). BM is 10 mi below; opposite LMP 215/216; 60 ft to landside of levee toe. Azimuth from MP 215/216 to BM 215/216 155° 49' distance 130.0 ft; azimuth from BM 215/216 to reference 215/216 44° 57' 20" distance 677.8 ft. Reference 215/216 elev 187.37. BM and reference BM are standard levee bench marks. BM 215/216 L St F L D MGL. (USE 90)		187.54
WHITEHALL. 295.0 river mi below Cairo, Ill. TBM is 30 penny spike driven horizontally in center of a triangular blaze in levee face of 24-inch pecan tree, about 10 mi below; on landside of levee; 400 ft from toe of slope at lower end of woods, near mi 215/216. Marked by copper washer turned upside down and stamped "HW TBM 12." MGL. (USE 90)		213.68

Name and description	Elev. ft.
WHITEHALL. 295.6 river mi below Cairo, Ill. TBM is brass nail and copper washer in S root of 40-inch sycamore tree; 11 mi below; 1,500 ft above Ferry Landing on St. Francis River; 100 ft from top of river bank; 100 ft from toe of levee slope; at old house place; at LM 216/8+00. Copper plate in triangular blaze, stamped "TBM 16." MGL. (USE 90)	192.82
WHITEHALL. 294.5 river mi below Cairo, Ill. TBM is boat spike driven horizontally below triangular blaze in levee face of 18-inch maple tree about 8 mi below; on landside of levee; 350 ft from toe of slope on edge of old burrow pit at mi 213/214; marked by copper washer turned upside down and stamped "HW TBM 10." Spike driven in center of blaze is not to be used. MGL. (USE 90)	212.40
WHITEHALL. 294.5 river mi below Cairo, Ill. Lat 34° 40' 55.82" (+1720 m); long 90° 36' 08.13" (+207 m). BM is 8 mi below; 45 ft from landside toe of levee at LMP 213/214. Azimuth from MP 213/214 to BM 213/214 135° 55' distance 135.0 ft. Azimuth from BM 213/214 to reference 213/214 55° 12' 30" distance 608.4 ft. Reference 213/214 elev 187.82. BM and reference are standard levee BM's. BM 213/214 L St F L D. MGL. (USE 90)	185.10
WHITEHALL. 294.3 river mi below Cairo, Ill. TBM is brass nail and copper washer in notch cut on 4-inch cottonwood tree 8.5 mi below; 60 ft W of toe of levee slope; on edge of old burrow pit at LM 213/29+00. TBM 12. MGL. (USE 90)	182.35
WHITEHALL. 294.8 river mi below Cairo, Ill. TBM is brass nail and copper washer in SE root of 40-inch red oak tree; 9 mi below; on lt bank of St. Francis River; 100 ft S of angle in levee; 90 ft W of toe of levee; at ft of ramp across levee; 400 ft from top of river bank; just below old rd out to river; at LM 214/215; 70 ft S of BM 214/215. Copper plate in triangular blaze, stamped "TBM 13." This tree has old TBM set on same root; a 20 penny nail. MGL. (USE 90)	190.86
WHITEHALL. 294.8 river mi below Cairo, Ill. Lat 34° 40' 25.95" (+800 m); long 90° 36' 58.00" (+1476 m). BM is 9 mi below; about 60 ft back of levee toe at LMP 214/215. Azimuth from MP	

Name and description	Elev. ft.
214/215 to BM 214/215 98° 28', distance 144.2 ft. Azimuth from BM 214/215 to reference 214/215 6° 40' 20" distance 571.9 ft. Reference 214/215 elev 192.72. BM and reference are standard levee BM's. BM 214/215 L St F L D. MGL. (USE 90)	192.46
WHITEHALL. 278.6 river mi below Cairo, Ill. Lat 34° 44' 57.81" (+1781 m); long 90° 33' 55.26" (+1406 m). BM is 2 mi below; about 1,500 ft from levee, on landside, opposite LMP 207/208; in open field under twin maple tree; 100 ft S of old bayou. BM is standard tile and pipe and is stamped "LF 207." BM LF 207 (USE) MGL. (USE 90) Cap Base	193.22 189.26
WHITEHALL. 278.6 river mi below Cairo, Ill. TBM is boat spike driven horizontally in a triangular blaze in levee face of a 30-inch pecan tree on landside of levee, about 2 mi below; and 600 ft from toe of levee on edge of old burrow pit at mile 207/208. Marked by a copper washer turned upside down and stamped "HW TBM 3" on back side. MGL. (USE 90)	211.17
WHITEHALL. 279.3 river mi below Cairo, Ill. Lat 34° 44' 10.01" (+308 m); long 90° 34' 24.78" (+630 m). BM is 3 mi below; 20 ft from landside toe of levee; opposite LMP 208/209. Azimuth from MP 208/209 to BM 208/209 131° 12' distance 127.5 ft. Azimuth from BM 208/209 to reference 208/209 48° 41' 00", distance 474.0 ft. Reference 208/209, elev 185.74. BM and reference are standard levee BM's. BM 208/209 1 St F L D. MGL. (USE 90)	187.55
WHITEHALL. 279.3 river mi below Cairo, Ill. TBM 4 is brass nail and copper washer in notch cut on E side of 10-inch cottonwood tree; 3 mi below; 40 ft W of landside levee toe; at LM 208/209. MGL. (USE 90)	189.67
WHITEHALL. 279.5 river mi below Cairo, Ill. TBM is brass nail and copper washer in N root of 24-inch cottonwood tree; 3.5 mi below; 600 ft W of landside levee toe; 30 ft W of burrow pit at LM 208/24+00. Copper plate in triangular blaze, stamped "TBM 5." MGL. (USE 90)	184.19
WHITEHALL. 279.5 river mi below Cairo, Ill. TBM	

Name and description	Elev. ft.
is boat spike driven horizontally in center of triangular blaze in levee face of 24-inch cottonwood tree, about 3.5 mi below; on the landside of levee and 500 ft from toe of levee; on edge of old burrow pit at mi 208/25+00 and 400 ft up levee from TBM 5. HW TBM 5. MGL. (USE 90)	209.14
WHITEHALL. 279.8 river mi below Cairo, Ill. Lat 34° 43' 24.69" (+761 m); long 90° 34' 35.39" (+900 m). BM is 4 mi below; 380 ft below LMP 209/210; 100 ft from landside toe of levee; directly back of old vacant house, under 24-inch sweet gum tree. Standard tile and pipe. BM LF 209 (USE). MGL. (USE 90) Cap Base	193.58 189.62
Reference. 24-inch sweet gum tree, N 72° 45' - W 7 ft. MGL. (USE 90)	
WHITEHALL. 279.8 river mi below Cairo, Ill. Lat 34° 43' 25.75" (+793 m); long 90° 34' 31.34" (+797 m). BM is 4 mi below; on landside toe of levee; opposite LMP 209/210. Azimuth from MP 209/210 to BM 209/210 148° 48', distance 44.8 ft. Azimuth from BM 209/210 to reference 209/210 63° 06' 40", distance 516.8 ft. Reference 209/210 elev 193.02. BM and reference are standard levee BM's. BM 209/210 L St F L D. MGL. (USE 90)	194.81
WHITEHALL. 279.8 river mi below Cairo, Ill. TBM is brass nail and copper washer in N root of 40-inch oak tree; 4.5 mi below; 120 ft from landside of levee toe; in back yard of two-story farmhouse; 30 ft W of house; at LM 209/31+00. Copper plate in triangular blaze, stamped "TBM 6." MGL. (USE 90)	194.65
WHITEHALL. 280.0 river mi below Cairo, Ill. Lat 34° 43' 08.04" (+248 m); long 90° 35' 30.16" (+767 m). BM is 5 mi below; opposite LMP 210/211; 20 ft from landside toe of levee, on fence line. Azimuth from MP 210/211 to BM 210/211 164° 25' distance 45.9 ft. Azimuth from BM 210/211 to reference 210/211 76° 16' 10", distance 489.3 ft. BM 210/211 L St F L D. MGL. (USE 90)	190.54
Reference. 210/211 elev 191.38. BM and reference are standard levee BM's. MGL. (USE 90)	

Name and description		Elev. ft.
WHITEHALL. 279.8 river mi below Cairo, Ill. TBM 7 is brass nail and copper washer in SW root of 24-inch cottonwood tree; 5 mi below; 15 ft W of landside toe of levee; at angle in levee; in fence cor; 50 ft N of BM 210/211. Copper plate in triangular blaze, stamped "TBM 7." MGL. (USE 90)		191.65
WHITEHALL CREVASSE. 280.6 river mi below Cairo, Ill. Lat 34° 42' 19.96" (+615 m); long 90° 33' 21.38" (+544 m). BM is about 2.6 mi below; just above narrow part of Hardins Point Neck; at sta 320+00 of Walnut Bend Extension Base Line. Mark is 2½-inch iron pipe. Sta 320+00 Walnut Bend BL (USE). MGL. (USE 90)		194.93
WHITEHALL CREVASSE. 279.7 river mi below Cairo, Ill. Lat 34° 43' 24.16" (+744 m); long 90° 33' 57.31" (+1458 m). BM is about 1.25 mi below lower side of; about 850 ft (1933) back of top bank. BM is standard USED 4-inch pipe and tile. BM 248+50 Walnut Bend BL. USE. MGL. (USE 90)	Cap Base	196.78 192.79
WHITEHALL SCHOOL. 277.7 river mi below Cairo, Ill. Lat 34° 45' 48.77" (+1503 m); long 90° 32' 43.07" (+1095 m). BM is 70 ft E of; and 5 ft W of break in berm of levees directly opposite cedar trees at cemetery on river side of levee; about 450 ft below stone building which was old Askew P. O.; about 900 ft below milepost 206. BM is standard USED 4-inch pipe set in concrete. BM Whitehall MRC. MGL. (USE 90)		201.38
WHITEHALL SCHOOL. 277.7 river mi below Cairo, Ill. Lat 34° 45' 51.83" (+1597 m); long 90° 32' 51.06" (+1298 m). BM is 100 ft S of; and directly across from Whitehall plantation house, about 500 ft W of levee; at a point where E and W rd intersects levee; about 700 ft NW of; BM is standard USED 4-inch pipe and tile. Cap was damaged in 1933. BM Winston (USE). MGL. (USE 90)	Cap Base	196.19 192.20
References. 10-inch honey locust tree, 20 ft W; 48-inch elm tree, 70 ft S; two 15-inch pear trees about 120 ft S. MGL. (USE 90)		

Name and description	Elev. ft.
WINONA. Station. (MP 243)	205.0
WRIGHTLAND. Station. (MP 243)	201.0

CROSS INDEX TO LEVEL LINES IN

LONOKE COUNTY

Line No. 6

Carlisle
Kerr
Lonoke
McCreanor
Meto
Prairie Center
Sisemore

Line No. 12

Austin
Cabot
Ward

Line No. 18

Ward

Line No. 48

Carlisle
Waltens Chapel

Line No. 169

Carlisle
Humnoke
McCreanor

Line No. 184

Geridge

Line No. 191

Carlisle
McCreanor

Line No. 211

Carlisle

Line No. 242

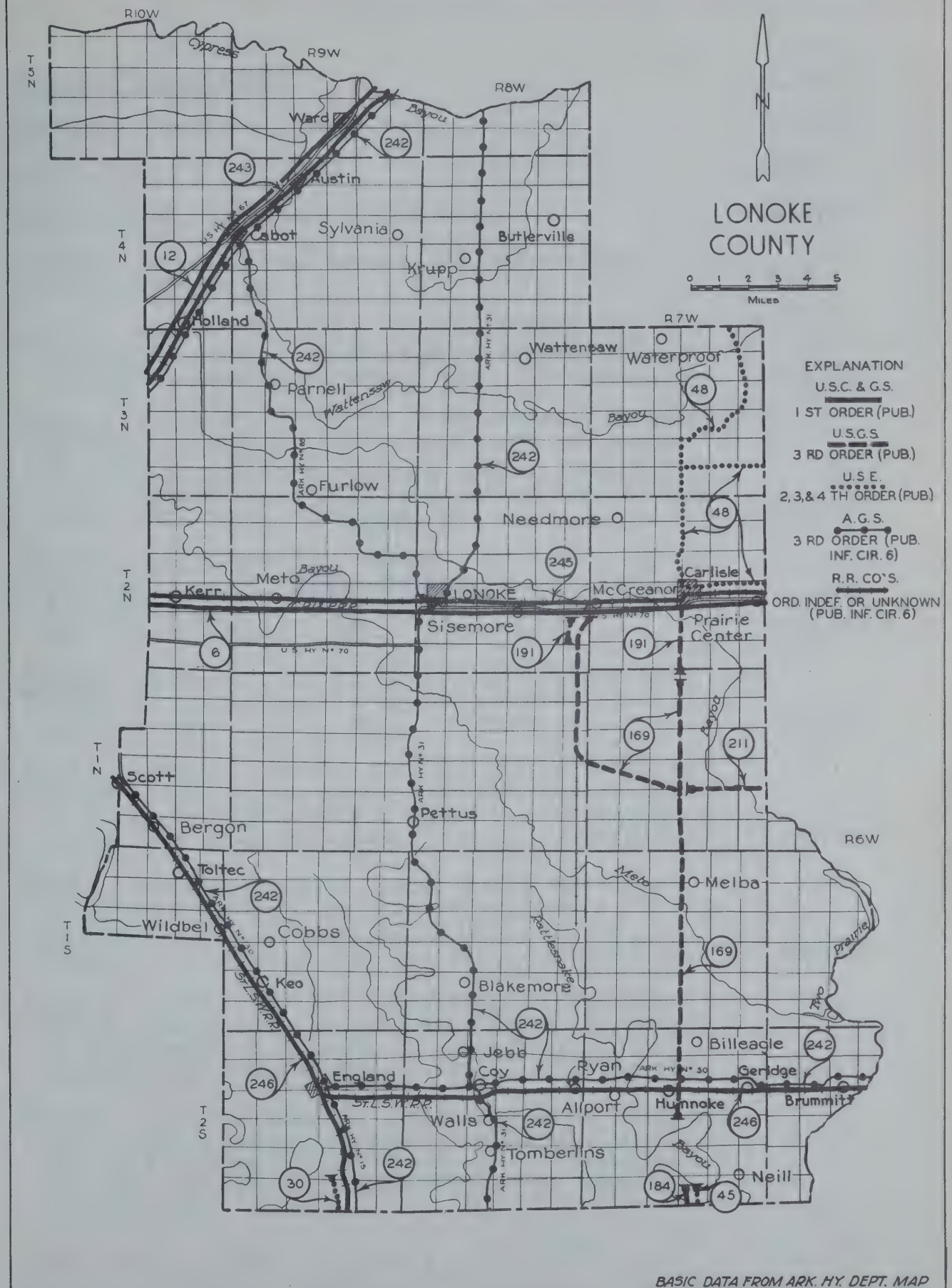
Coy
England
Hamiter
Keo
Toltec

Line No. 243

Cabot

Line No. 246

Allport
Bercon
Brummitt
Coy
England
Geridge
Humnoke
Keo
Ryan
Toltec
Wilobel



BASIC DATA FROM ARK. HY. DEPT. MAP

ART
OF THE
UNIVERSITY OF ILLINOIS

Name and description	Elev. ft.
ALLPORT. Station. (SLSW 246)	227.90
ARROZ. Est. (AGS 300)	229.
ASHLEY BAYOU. Station. (AGS 254)	241.62
AUSTIN. Top of E rail opposite MP RR station. MSL. (USC&GS 12)	250.4
AUSTIN. RV 134 (MP RR). At pole 320+17 and in SW cor of concrete foundation of signal 3202. Standard monel-metal rivet. MSL. (USC&GS 12)	251.423
AUSTIN. About 60 yds NE of MP RR station, 62 ft W by S of pole 320+17, 28 ft NE of c/l of rd and 25 ft SE of c/l of northbound track. Standard disk, stamped "B 10 1932" and set in top of concrete post. MSL. (USC&GS 12)	248.789
AUSTIN. RV 135 (MP RR). About 0.4 mi SW along MP RR from station, at pole 320+35, and in center of W headwall of 4 by 6 ft concrete culvert. Standard monel-metal rivet. MSL. (USC&GS 12)	248.307
AUSTIN. Milepost 320 (MP RR). About 0.5 mi NE along MP RR station, in top of concrete milepost. Copper bolt. MSL. (USC&GS 12)	243.126
AUSTIN. RV 133 (MP RR). About 0.75 mi NE along MP RR from station, at pole 319+28, and in center of W headwall of triple 7 by 9 ft concrete culvert. Standard monel-metal rivet. MSL. (USC&GS 12)	236.240
AUSTIN. RV 136 (MP RR). About 0.9 mi SW along MP RR from station, at pole 321+15, and in SE (?) cor of concrete foundation of battery feed. Standard monel-metal rivet. MSL. (USC&GS 12)	264.209
AUSTIN. RV 132 (MP RR). About 1.4 mi NE along MP RR from station at pole 319+02, and in center of W headwall of 6 by 10 ft concrete culvert. Standard monel-metal rivet. MSL. (USC&GS 12)	239.130
AUSTIN. RV 137 (MP RR). About 1.4 mi SW along MP RR from station, at pole 321+35, and in center of W headwall of double 6 by 7 ft concrete culvert. Standard monel-metal rivet. MSL. (USC&GS 12)	263.090
BAKER BAYOU. CRI&P Ry bridge. (AGS 254)	220.62
BAYOU TWO PRAIRIE. RR Bridge. (AGS 254)	194.12

Name and description	Elev. ft.
BEARSKIN. Station. (AGS 254)	242.68
BERCON. Station. (SLSW 246)	239.40
BLAKEMORE. Est. (AGS 300)	205.
BRUMMITT. Station. (SLSW 246)	221.10
BUTLERVILLE. Est. (AGS 300)	225.
CABOT. Station. (MP 243)	289.1
CABOT. Top of W rail opposite MP RR station. MSL. (USC&GS 12)	289.5
CABOT. About 110 yds N of station, 54 ft S of center of grade crossing, 8 ft S of pole 323, and 35 ft E of c/l of northbound track. Standard disk, stamped "C 10 1932" and set in top of concrete post. MSL. (USC&GS 12)	288.536
CABOT. RV 139 (MP RR). About 0.2 mi SW along MP RR from station at; at pole 323-10, and in center of E side of W concrete foundation of bridge signal. Standard monel-metal rivet. MSL. (USC&GS 12)	286.259
CABOT. RV 138 (MP RR). About 0.5 mi NE along MP RR fron station at; at pole 322-21, and in center of W concrete headwall of 24-inch cast-iron pipe culvert. Standard monel-metal rivet. MSL. (USC&GS 12)	279.333
CABOT. RV 140 (MP RR). About 0.9 mi SW along MP RR station at; at pole 323-39, and in NE cor of concrete foundation of battery feed. Standard monel-metal rivet. MSL. (USC&GS 12)	274.957
CABOT. RV 141 (MP RR). About 1.4 mi SW along MP RR from station at; at pole 324-18, and in SW cor of concrete foundation of signal 3244. Standard monel-metal rivet. MSL. (USC&GS 12)	269.291
CABOT. RV 142 (MP RR). About 1.9 mi SW along MP RR from station at; at pole 325-00, and in SE cor of concrete foundation of battery feed. Standard monel-metal rivet. MSL. (USC&GS 12)	266.561
CABOT. Milepost 325 (MP RR). About 1.9 mi SW along MP RR from station at; and in top of concrete milepost 325. Copper bolt. MSL. (USC&GS 12)	265.111

Name and description	Elev. ft.
CABOT. RV 143 (MP RR). About 2.5 mi SW along MP RR from station at; at pole 325-23, and in SW cor of concrete foundation of signal 3256. Standard monel-metal rivet. MSL. (USC&GS 12)	263.946
CABOT. RV 144 (MP RR). About 3 mi SW along MP RR from station at; at pole 326-02, and in SE cor of concrete foundation of battery feed. Standard monel-metal rivet. MSL. (USC&GS 12)	262.244
CABOT. About 3.5 mi SW along MP RR from station at; at pole 326-22, and in SE cor of concrete foundation of signal 3264 L. Standard disk, stamped "D 10 1932." MSL. (USC&GS 12)	260.800
CABOT. RV 145 (MP RR). About 3.5 mi SW along MP RR from station at; at pole 326-22, and in SW cor of concrete foundation of signal 3264 R. Standard monel-metal rivet. MSL. (USC&GS 12)	260.892
CABOT. RV 146 (MP RR). About 3.9 mi SW along MP RR from station at; at pole 326-39, and in SE cor of concrete foundation of battery feed. Standard monel-metal rivet. MSL. (USC&GS 12)	259.
CAMILLA. Est. (AGS 300)	250.
CARLISLE. See Bayou Two Prairie. (AGS 254)	
CARLISLE. See Hamilton. (AGS 254)	
CARLISLE. See Waltens Chapel. (USE 48)	
CARLISLE. Top of rail opposite CRI&P Ry station. MSL. (USC&GS 6)	232.9
CARLISLE. SE cor of CRI&P Ry freight house; in N end of bottom step. Copper nail and washer. MGL. (USE 48)	232.738
CARLISLE. At SW edge of town, 45 ft N and 30 ft W of center of US Hwy 70 and crossroads, in root on N side of 14-inch elm tree; copper nail and washer, marked "US BM 222.8" MSL. (USGS 191)	222.50
CARLISLE. Near N edge of town, where rd to Waltens Chapel turns from N to W; on E side of rd; in front of yellow house occupied by Jim Griffin; in W root of 10-inch ash tree. Copper nail and washer. MGL. (USE 48)	233.411

Name and description	Elev. ft.
CARLISLE. Near CRI&P Ry station, near center of RR park, about 150 ft W of semaphore at station, and 59 ft N of track. Stone post, marked "R." MSL. (USC&GS 6)	233.54
CARLISLE. 0.75 mi E of; along new St Route 70; 50 ft SW of SW cor of long sheet iron warehouse on N side of hwy; 100 ft N of c/l of hwy; in top of S end of 18-inch concrete culvert. Square cut in concrete. MGL. (USE 48)	233.936
CARLISLE. About 0.75 mi E along CRI&P Ry from; 36 ft E of fence line of public rd, and 15 ft S of track. Standard triangulation-sta disk, stamped "CARLISLE" and set in top of concrete post. MSL. (USC&GS 6)	235.009
CARLISLE. About 0.75 mi E along CRI&P Ry from; and about 32 ft SW of traverse sta "Carlisle", described above. Standard reference mark disk, stamped "CARLISLE" and set in top of concrete post. MSL. (USC&GS 6)	233.956
CARLISLE. 1.27 mi S of RR at; 26 ft S and 28 ft W of T-rd W at 1/16 cor, 0.25 mi N of cor secs 27, 28, 33 and 34-T2N-R7W, in concrete post; standard tablet, stamped "TT 25 B 1933," marked "USPBM 229.2." MSL. (USGS 191)	228.802
CARLISLE. 1.75 mi N of; on dirt rd to Waltens Chapel; in NE cor of cemetery at rd crossing; in E root of 30-inch pine tree. Copper nail and washer. MGL. (USE 48)	244.841
CARLISLE. About 2.25 mi E of; along new St Route 70; 0.2 mi W of Prairie Center, on SE cor of S headwall of concrete culvert. Square cut in concrete. MGL. (USE 48)	237.790
CARLISLE. 3 mi N of; on dirt rd to Waltens Chapel, in front of two story vacant house; in NW cor of small wooden bridge on E side of rd. Copper nail and washer. MGL. (USE 48)	229.823
CARLISLE. 3.5 mi S of; 65 ft S and 30 ft W of center of T-rd S, at N cor secs 3 and 4-T1N-R7W, in power line pole, 1 ft above ground; rail spike, marked "USBM 226.0." MSL. (USGS 169)	225.60
CARLISLE. About 3.5 mi E of; along CRI&P Ry; about 1 mi E of Prairie Center; 30 ft N of	

Name and description	Elev. ft.
c/l of track; 800 ft E of "One Mile" signboard. Concrete post with disk in top called "Prairie." MGL. (USE 48)	240.067
CARLISLE. 3.55 mi N of; on dirt rd to Waltens Chapel; 65 ft E of rd; in W root of 20-inch black gum tree. Copper nail and washer. MGL. (USE 48)	232.048
CARLISLE. 4.5 mi S of; 10 ft S and 45 ft E of center of rd, in line with fence E and W, at cor secs 9, 10, 15 and 16, in root on W side of 26-inch oak tree. Copper nail and washer, marked "USBM 220.6." MSL. (USGS 169)	220.14
CARLISLE. 4.5 mi S of; T1N-R7W, cor sec 3, 4, 9 and 10, 56 ft N and 29 ft E of center of T-rd W at; in concrete post; standard tablet, stamped "TT 24 B 1933," marked "USPBM 223.7." MSL. (USGS 169)	223.267
CARLISLE. 4.8 mi N of; on dirt rd to Waltens Chapel; 50 ft NW of intersection of dirt rds; in top of stump of 6-inch post oak about 3 ft above ground. Copper nail and washer. MGL. (USE 48)	229.690
CARLISLE. 5.4 mi N of; on dirt rd to Walten's Chapel; about 3.3 mi SE of Waltens Chapel; 15 ft E of c/l of rd; 500 ft NE of log cabin on W side of rd; in root of 24-inch red oak tree. Copper nail and washer. MGL. (USE 48)	231.372
CARLISLE. 5.5 mi S of; 40 ft S and 25 ft E of center of T-rd W, at cor of secs 15, 16, 21 and 22, T1N-R7W, in root on W side of 14-inch oak tree; copper nail and washer, marked "USBM 221.2." MSL. (USGS 169)	220.74
CARLISLE. 6.5 mi S of; 33 ft N and 33 ft W of center of crossroads, 2 ft N and 2 ft W of cor fence post, top of concrete post; bronze tablet, stamped "No. 48 W 1929," painted "216.21." MSL. (USGS 169)	216.379
CARLISLE. 6.6 mi N of; on dirt rd to Waltens Chapel; about 2 mi SE of Waltens Chapel; in front of T. A. Nichols residence; in S root of 24-inch pin oak tree. Copper nail and washer. MGL. (USE 48)	225.434

Name and description	Elev. ft.
CARLISLE. 7.35 mi N of; on dirt rd to Waltens Chapel; 1.3 mi SE of Waltens Chapel; 15 ft W of c/l of rd; in front of F. S. Harris residence; in E root of 30-inch white oak tree. Copper nail and washer. MGL. (USE 48)	223.927
CARLISLE. 7.5 mi S of; 30 ft S and 30 ft W of crossroads at cor of secs 27, 28, 33 and 34, T1N-R7W, in cor fence post, 6 inches above ground; rail spike, marked "USBM 209.6." MSL. (USGS 169)	209.16
CARLISLE. 6.5 mi S and 1 mi E of; 33 ft N and 60 ft W of center of intersection of rd S and W, S root of large twin oak tree at old logging camp. Copper nail and washer, painted "214.6." MSL. (USGS 211)	214.72
CARLISLE. 8.5 mi S of; 70 ft S and 35 ft W of center of T-rd S at N cor secs 3 and 4-T1S-R7W, in root on N side of 18-inch elm tree; copper nail and washer, marked "USBM 208.6." MSL. (USGS 169)	208.16
CARLISLE. 6.5 mi S and 2 mi E of; 33 ft S and 75 ft W of intersection of rd running S, E and W, near Two Prairie Bayou and Gatley bridge, N root of 25-inch oak tree; copper nail and washer, painted "202.5." MSL. (USGS 211)	202.66
CARLISLE. 6.5 mi S and 2.5 mi E of; in center of rd between fence lines running E and W, at top of Two Prairie Bayou bank and about 300 ft E of Gatley bridge, N root of 24-inch oak tree; copper nail and washer, painted "217.3." MSL. (USGS 211)	217.43
CARLISLE. 9.5 mi S of; 26 ft S and 22 ft W of center of crossroad at cor secs 3, 4, 9 and 10, T1S-R7W, in concrete post; standard tablet, stamped "TT 31 B 1933" marked "USPBM 208.2." MSL. (USGS 169)	207.808
CARLISLE. 6.5 mi S and 4 mi E of; 60 ft S and 850 ft W of center of crossroads, at E side of timber, on N root of 30-inch oak tree. Copper nail and washer, painted "222.0." MSL. (USGS 211)	222.09
CARLISLE. 6.5 mi S and 5 mi E of; 6.5 mi S and 4 mi W of Hazen, 27 ft N and 430 ft E of center of T-rd N, 4 ft N of fence line, in SE root of	

Name and description	Elev. ft.
7-inch cottonwood tree; copper nail and washer, painted "223.7." MSL. (USGS 211)	223.83
COY. Station. (SLSW 246)	237.7
COY. 400 ft W of; T2S-R8W, NE¼ of SW¼ of sec 16; along SLSW Ry; 233 ft E of 118 ft trestle 19; 86 ft E of milepost 254-00; 38.6 ft S and perpendicular to S rail of SLSW Ry; 37 ft S and 7.6 ft E of S rail of RR. Concrete post with standard tablet, stamped "HAY, 1934." MSL. (A Geod S 242)	216.694
COY. 1,200 ft W of; T2S-R8W, NW¼ of sec 16, along SLSW Ry; 630 ft W of 118 ft trestle 19; 214 ft W of milepost 254-5, and 37.6 ft N and perpendicular to N rail of SLSW Ry. Concrete post with standard tablet, stamped "HAW, 1934." MSL. (A Geod S 242)	218.092
CULLOR. Est. (AGS 300)	225.
ENGLAND. Station. (SLSW 246)	228.54
ENGLAND. BM HARH. 1000 ft S of; on SLSW Ry between milepost 279-12 and 279-13, 14.2 ft E of and perpendicular to E rail, 19.2 ft E and perpendicular to W rail, 22.7 ft S of c/l of gravel rd crossing, 35 ft N of sec house 88, 6.3 ft W of PBM HAG. MSL. (A Geod S 242)	230.109
ENGLAND. 1 mi E of T2S-R9W, SE¼ of NW¼ of sec 14; on N side of RR, 27 ft N of N rail and 54 ft E of c/l of hwy to Pine Bluff, 150 ft E of milepost 258-15. Concrete post with standard tablet, stamped "HAL, 1934." MSL. (A Geod S 242)	231.248
ENGLAND. BM HARV. 9,200 ft S of; on SLSW Ry between milepost 272-29 and 273-0, 51 ft E of rt angle to E rail, 100 ft S of milepost 273-0, 100 ft N of canal ditch. MSL. (A Geod S 242)	221.095
ENGLAND. 1.1 mi NW of; along SLSW Ry, T2S-R9W, NW quarter of SW¼ of sec 10; 24 ft W of W rail; 389 ft NW of milepost 260-10. Concrete post with standard tablet, stamped "HAD, 1934." MSL. (A Geod S 242)	227.352
USC&GS Preliminary	233.889
ENGLAND. 2 mi E of; on S side of SLSW Ry, T2S-R9W, NW¼ of SW¼ of sec 13; 40 ft S of S rail;	

Name and description	Elev. ft.
100 ft E of milepost 257-10, near NE cor of NW¼ of SW¼ of sec 13. Concrete post with standard tablet, stamped "HAM, 1934." MSL. (A Geod S 242)	226.180
ENGLAND. 2.7 mi E of; on S side of SLSW Ry, T2S-R9W, SE cor of SE¼ of NE¼ of sec 13, 325 ft E of bridge 22 and 25 ft S of S rail, 400 ft E of milepost 256-25. Concrete post with standard tablet, stamped "HAS, 1934." MSL. (A Geod S 242)	224.884
ENGLAND. 3.5 mi S of station on E side of main line of SLSW Ry, 18 ft E of E rail of main line to Pine Bluff and 40 ft W of W rail of branch line to Coy, 30 ft N of section house 88, near SE cor of NW¼ of sec 15, T2S-R9W. Concrete post with standard tablet, stamped "HAG, 1934." MSL. (A Geod S 242)	233.818
ENGLAND. 3.5 mi E of; T2S-R8W, in NE cor of NE¼ of sec 8; along and S of Hwy 30 and 1.6 mi W of junction of Hwy 30 and Hwy 31; 24 ft S of c/l of Hwy 30 running E and W, 33 ft W of c/l of dirt rd running S from Hwy 30; 50 ft W of Ark Power & Light Company pole 439; approximately 800 ft E of bridge across Indian Bayou on Hwy 30. Concrete post with standard tablet, stamped "HAX, 1934." MSL. (A Geod S 242)	224.930
ENGLAND. 3.5 mi E of; T2S-R8W, SE¼ of NE¼ of sec 18, 880 ft E of E end of bridge 20 on N side of Ry (SLSW), and 450 ft W of crossing; 25 ft N of N rail of RR to Coy, 299 ft W of milepost 255-15. Concrete post with standard tablet, stamped "HAT, 1934." MSL. (A Geod S 242)	225.065
ENGLAND. 5 mi E of; 0.45 mi N of junction of Hwys 30 and 31, on W side of Hwy 31; 30 ft W of c/l of Hwy 31; T2S-R8W, NE¼ of SE¼ of sec 8; 15 ft S and 5 ft E of 18-inch gum tree with three blazes used as cor. Concrete post with standard tablet, stamped "HEM, 1934." MSL. (A Geod S 242)	219.768
FALLS. Est. (AGS 300)	225.
FLETCHER. Est. (AGS 300)	205.
FURLOW. Est. (AGS 300)	240.

Name and description	Elev. ft.
GERIDGE. Est. (AGS 300)	203.
GERIDGE. Station. (SLSW 246)	223.40
GERIDGE. T2S-R5W, cor secs 29, 30, 31 and 32, 30 ft N and 30 ft E from center of crossroads at; in base of power transmission line pole; rail spike, marked "USBM, 199.0." MSL. (USGS 184)	199.071
GERIDGE. T2S-R7W, cor secs 25, 26, 35 and 36, 133 ft N and 20 ft E from center of crossroads, in NW cor of farmhouse yard, in top of concrete post; standard tablet, stamped "3 J 1934" and marked "USPBM 200.7." MSL. (USGS 184)	200.430
Reference Mark. 50 ft N and 40 ft E of center of crossroads, on N side of old building, in root on W side of 17-inch sycamore tree; copper nail and washer. MSL. (USGS 184)	200.74
GERIDGE. T2S-R7W, in SW¼ of sec 35, on N side of rd, in root on S side of 26-inch oak tree; copper nail and washer, marked "USBM 197.9." MSL. (USGS 184)	197.63
GERIDGE. T2S and 3S-R7W, 0.25 mi W of cor of secs 2, 3, 34 and 35, 25 ft S and 60 ft E from rd forks, in top of headwall of concrete culvert; chiseled square, marked "USBM 199.1." MSL. (USGS 184)	198.86
HAMILTON. Postoffice. (AGS 254)	222.
HAMITER. SE of; along SLSW Ry, T1N-R10W-sec 3; 25 ft N of milepost 269-16 and 42 ft N of N rail; 57 ft S of S edge of Hwy 30; concrete post with standard tablet, stamped "FAG, 1934." MSL. (A Geod S 242)	242.067
HEWETT. Est. (AGS 300)	229.
HUMNOKE. Station. (SLSW 246)	222.10
HUMNOKE. T2S-R7W, ¼ cor secs 15 and 16, 50 ft S and 30 ft W of center of T-rd E at; in rd on N side of 26-inch oak tree; copper nail and washer, marked "USBM 199.5." MSL. (USGS 169)	199.30
HUMNOKE. T2S-R7W, about 240 ft S and 15 ft E of cor secs 9, 10, 15 and 16, and crossroad, 45 ft N and 20 ft E of center of SLSW Ry and rd cross-	

Name and description	Elev. ft.
ing, in concrete post; standard tablet, stamped "TT 29 B 1933," marked "USPBM 199.1." MSL. (USGS 169)	198.929
Reference Mark. 30 ft N and 30 ft W of center of crossroad, in root on E side of 22-inch oak tree; copper nail and washer. MSL. (USGS 169)	197.38
HUMNOKE. T2S-R7W, cor sec 3, 4, 9 and 10, 20 ft S and 30 ft E of center of crossroads at; in cor fence post, 6 inches above ground; rail spike, marked "USBM 202.6." MSL. (USGS 169)	202.38
HUMNOKE. T2S-R7W, N cor secs 3 and 4, 20 ft S and 50 ft E of center of crossroad at; in root on W side of 22-inch oak tree; copper nail and washer, marked "USBM 203.1." MSL. (USGS 169)	202.88
HUMNOKE. T1S-R7W, in SW¼ sec 22, 4.25 mi N of; 125 ft N and 45 ft E of center of crossroads, in root on W side of 12-inch live oak tree; copper nail and washer, marked "USBM 199.2." MSL. (USGS 169)	198.94
HUMNOKE. T1S-R7W, in SE¼ sec 16, 40 ft E of c/l of rd and 170 ft S of S end of bridge over drainage ditch, 30 ft S of dim rd W, in root on N side of 11-inch oak tree; copper nail and washer, marked "USBM 200.2." MSL. (USGS 169)	199.90
HUMNOKE. T1S-R7W, 2,300 ft N of cor secs 27, 28, 33 and 34, 50 ft W of rd, 10 ft E and 7 ft N of NE cor of Earnest Booley's farmhouse, in concrete post; standard tablet, stamped "TT 30 B 1933," marked "USBM 200.00." MSL. (USGS 169)	199.770
HUMNOKE. T1S-R7W, 45 ft S and 125 ft W of center of crossroads, at ¼ cor between secs 33 and 34, 65 ft N of church building, in root on E side of 28-inch live oak tree; copper nail and washer, marked "USBM 200.1." MSL. (USGS 169)	199.83
HUMNOKE. T1S-R7W, in NE¼ sec 16, about 6 mi N of; 50 ft S and 30 ft W of center of private rd E, in root on NE side of 36-inch oak tree; copper nail and washer, marked "USBM 202.0." MSL. (USGS 169)	201.69
JEBB. Est. (AGS 300)	210.
JETT. Est. (AGS 300)	230.

Name and description	Elev. ft.
KEO. Station. (SLSW 246)	230.26
KEO. 68 ft SE of station of RR, T1S-R9W, NW¼ of NE¼ of sec 30; 459.4 ft NW of milepost 264-05 and 16 ft S of S rail of SLSW Ry, opposite milepost 264-07. Concrete post with standard tablet, stamped "GAK, 1934." MSL. (A Geod S 242)	237.078
USC&GS Preliminary	233.577
KEO. 5,300 ft NW of; along SLSW Ry, T1S-R9W, sec 19, SE¼ of NW¼ of; 30 ft N of N rail; 313.5 ft NW of milepost 265-05 and between milepost 265-07 and 265-08. Concrete post with standard tablet, stamped "GAG, 1934." MSL. (A Geod S 242)	231.486
USC&GS Preliminary	227.995
KEO. 5,625 ft E of; along SLSW Ry, T1S-R9W, NW¼ of NE¼ of sec 32; 12 ft W of W rail; 70 ft NW of milepost 263-05; 90 ft W of center of Hwy 30, 107 ft NW along S rail and 12 ft at rt angle from S rail. Concrete post with standard tablet, stamped "GAL, 1934." MSL. (A Geod S 242)	235.860
USC&GS Preliminary	232.381
KEO. 9,700 ft NW of; along SLSW Ry, T1S-R10W, sec 13, SW¼ of SW¼ of; and 30 ft E of E rail, 423 ft NW along RR from milepost 266-00, between milepost 266-03 and 266-04, and 30 ft E of E rail. Concrete post with standard tablet, stamped "GAF, 1934." MSL. (A Geod S 242)	233.046
USC&GS Preliminary	229.551
KEO. 11,265 ft SE of; along SLSW Ry, T1S-R9W, SE¼ of SW¼ of sec 33; 20 ft E of E rail; 70 ft W of Hwy 30; 439 ft NW of milepost 262-00; 191 ft NW of dirt rd and RR crossing on N side of track between milepost 262-06 and 262-07. Concrete post with standard tablet, stamped "GAM, 1934." MSL. (A Geod S 242)	230.029
USC&GS Preliminary	226.514
KEO. 14,910 ft SE of; along SLSW Ry, T2S-R9W, NW¼ of SE¼ of sec 4; 263 ft NW along SLSW Ry from milepost 261-10; 35.6 ft W of W rail and between mileposts 260-17 and 260-18; 3,546 ft SE of P I of E rail of SLSW Ry at curve between Keo and England. Concrete post with standard tablet, stamped "GAN, 1934." MSL. (A Geod S 242)	227.860
USC&GS Preliminary	224.402

Name and description	Elev. ft.
KERR. Top of rail opposite CRI&P Ry station. MSL. (USC&GS 6)	245.1
KERR. 72 ft E of semaphore at CRI&P Ry station; on land belonging to H. A. Young, about 80 ft N of track, and 16 ft N of 4 ft oak tree. Stone post. MSL. (USC&GS 6)	243.405
KERR. At curve about 1 mi W along CRI&P Ry, and 8 ft N of track. Standard triangulation-sta disk, stamped "KERR" and set in top of concrete post. MSL. (USC&GS 6)	245.853
KERR. EST. (CRI&P 245)	240.
LONOKE. Top of rail opposite CRI&P Ry station. MSL. (USC&GS 6)	243.9
LONOKE. In courthouse yard. Stone post. MSL. (USC&GS 6)	238.746
LONOKE. In NW sec of courthouse yard, about 50 ft SE of NW cor, and about 40 ft NE of "Daughters of the Confederacy" monument. Brass cap bearing legend "US Dept of Agriculture, Office of Experiment Station, Drainage Elev 288.8 ft" and fastened on top of an iron pipe. MSL. (USC&GS 6)	239.022
LONOKE. 398 yds E of CRI&P Ry station, and 18 ft S of track. Standard triangulation-sta disk, stamped "LONOKE" and set in top of concrete post. Traverse sta Lonoke. MSL. (USC&GS 6)	241.771
Reference Mark. About 120 ft N of traverse sta "Lonoke" described above. Standard reference mark disk, stamped "LONOKE BM." MSL. (USC&GS 6)	241.778
LONOKE. 244.6 (CRI&P Ry). At CRI&P Ry station, and on NE cor of concrete base of semaphore. Outlined square. MSL. (USC&GS 6)	244.557
LONOKE. About 0.5 mi E along CRI&P Ry from station at; about 130 ft SE of switch stand at E end of side track, 52 ft S of track, and 3 ft S of right of way fence. Stone post, marked "Q". MSL. (USC&GS 6)	236.272
LONOKE. Traverse sta Daniel. About 2.5 mi W along CRI&P Ry, 42 ft W of crossing of private rd leading to W. N. Daniel's plantation, 30 ft N of	

Name and description	Elev. ft.
S fence, 19 ft S of track, and 6 ft W of pole. Standard triangulation sta disk, stamped "DANIEL" and set in top of concrete post. MSL. (USC&GS 6)	240.255
Reference Mark. Daniel. About 2.5 mi W along CRI&P Ry, about 31 ft SE of traverse sta "DANIEL" described above, and 101 ft N of a tenant house. Standard reference mark disk, stamped "DANIEL" and set in top of concrete post. MSL. (USC&GS 6)	239.839
McCREANOR. Top of rail opposite CRI&P Ry station. MSL. (USC&GS 6)	228.9
McCREANOR. On right of way of CRI&P Ry, about 225 ft E of switch stand at W end of side track, 81 ft E of signboard "McCreanor" and 22 ft N of track. Standard triangulation sta disk, stamped "McCREANOR" and set in top of concrete post. MSL. (USC&GS 6)	229.924
McCREANOR. 1.1 mi S of; 45 ft W of center of Pine Bluff and Northern RR tracks, 35 ft S and 47 ft E of SE cor of house, E side of 34-inch oak tree; copper nail and washer, painted "231.6." MSL. (USGS 191)	231.68
McCREANOR. 1.6 mi S of; 48 ft S and 78 ft W of St Hwy 70 and Pine Bluff and Northern RR crossing, N root of 48-inch oak tree; copper nail and washer painted "229.5." MSL. (USGS 191)	229.58
McCREANOR. 2.6 mi S of; 85 ft N and 45 ft E of center of Pine Bluff and Northern RR and rd E and W, in W root of 20-inch oak tree; copper nail and washer, painted "229.7." MSL. (USGS 169)	229.80
McCREANOR. 3.6 mi S of; 34 ft N and 36 ft E of center of Pine Bluff and Northern RR and rd E and W, 2.5 ft N and 2 ft E of cor fence post, top of concrete post; bronze tablet, stamped "No. 46 W 1929" painted "226.7." MSL. (USGS 169)	226.797
McCREANOR. 4.6 mi S of; 3 ft W of center of Pine Bluff and Northern RR, NW cor of wooden trestle on top of cross beam; copper nail and washer, painted "224.6." MSL. (USGS 169)	224.67
McCREANOR. 5.6 mi S, 42 ft S and 39 ft E of	

Name and description	Elev. ft.
center of Pine Bluff and Northern RR and rd crossing, in line with fence, top of sec of rail driven in ground; chiseled cross, painted "230.6" MSL. (USGS 169)	230.72
McCREANOR. 5.6 mi S and 1 mi E of; 48 ft S and 46 ft E of intersection of gravel T-rd S and gravel rd E and W, 90 ft NW of NW cor of Broadview School, top of concrete post; bronze tablet, stamped "No 47 W 1929." MSL. (USGS 169)	227.569
McCREANOR. 5.6 mi S and 2 mi E of; 15 ft S and 441 ft E of center of crossroads, small willow tree with 4 trunks, in crotch of; copper nail and washer, painted "216.1." MSL. (USGS 169)	216.18
McCREANOR. 5.6 mi S and 3 mi E of; 5.5 mi S of Carlisle, 15 ft N and 32 ft E of intersection of T-rd W, 8 ft N of cor fence post, W root of 15-inch oak tree; copper nail and washer, painted "220.7." MSL. (USGS 169)	220.81
METO. Top of rail opposite CRI&P Ry station. MSL. (USC&GS 6)	237.4
METO. About 0.4 mi W along CRI&P Ry, about 1,050 ft E of switch stand at W end of side track, 79 ft beyond 8th pole W of signboard "Meto", and 11 ft N of track. Standard triangulation-sta disk, stamped "METO" and set in top of concrete post. MSL. (USC&GS 6)	240.131
PETTUS. See Baker Bayou. (AGS 254)	
PETTUS. Post Office. (AGS 254)	223.
PFEIFER. Est. (AGS 300)	205.
PRAIRIE CENTER. Top of rail opposite CRI&P Ry station. MSL. (USC&GS 6)	239.5
PRAIRIE CENTER. About 1.2 mi E along CRI&P Ry, 820 ft E of "one-mi" signboard, and 30 ft N of track. Standard triangulation-sta disk, stamped "PRAIRIE" and set in top of concrete post. Traverse sta Prairie. MSL. (USC&GS 6)	239.734
Reference Mark. About 1.2 mi E along CRI&P Ry, about 68 ft N of traverse sta Prairie, described above and at N fence line. Standard reference-mark disk, stamped "PRAIRIE" and set in top of concrete post. MSL. (USC&GS 6)	237.778

Name and description	Elev. ft.
ROSS. Station. (AGS 254)	223.68
RYAN. Station. (SLSW 246)	228.50
SISEMORE. Traverse sta. About 0.75 mi E along CRI&P Ry, 257 ft SE of SE cor of base of brick chimney on E end of Grover Hick's residence, 181 ft W of private rd which crosses track and leads to house, and on small knob about 27 ft N of track. Standard triangulation-sta disk, stamped "SISEMORE" and set in top of concrete post. MSL. (USC&GS 6)	235.439
Note. It was reported in January, 1929, that RR cut had been widened leaving mark sticking up above ground and so loose in ground as to be no longer of use as first-order BM.	
STEWART. Est. (AGS 300)	210.
SYLVANIA. Est. (AGS 300)	245.
TOLTEC. See Bercon. (SLSW 246)	
TOLTEC. Station. (SLSW 246)	236.60
TOLTEC. T1S-R10W, sec 2; 29 ft SE of station house and 13.68 ft W of W rail of SLSW Ry; 250 ft SE of S cor of McCloughlin cotton gin, 493 ft NW along track from milepost 268-20 and opposite milepost 268-23. Concrete post with standard tablet, stamped "GAB, 1932." MSL. (A Geod S 242)	242.949
USC&GS Preliminary	239.466
TOLTEC. 6,095 ft SE of; along SLSW Ry, T1S-R10W, SW quarter of SW¼ of sec 12; 13 ft N of N rail; 10 ft S and 49 ft E from PI (point of intersection) of N rail at curve between Toltec and Keo; 203 ft SE of drainage ditch District 10 and 215 ft S and 17 ft E of SW headwall of concrete bridge across drainage ditch District 10 on Hwy 30; 1.33 mi SE from Keo; 481 ft N of milepost 267-10; 219.5 ft S of abutment of bridge 29 and 13 ft E of E rail. Concrete post with standard tablet, stamped "GAD, 1934." MSL. (A Geod S 242)	234.473
USC&GS Preliminary	230.949
WALTENS CHAPEL. 150 ft S of Chapel Hill schoolhouse; in S root of 40-inch red oak tree. Copper nail and washer. MGL. (USE 48)	221.541

Name and description	Elev. ft.
WALTENS CHAPEL. 0.75 mi N of; on rd to Hickory Plains; 15 ft E of c/l of rd; in front of D. F. Gilson's residence; in W root of 28-inch post oak tree. Copper nail and washer. MGL. (USE 48)	225.634
WALTENS CHAPEL. 1.8 mi NW of; on rd to Hickory Plains; 15 ft E of c/l of rd; in front of E. A. Burlinson's residence; in E root of 36-inch oak stump. Copper nail and washer. MGL. (USE 48)	227.106
WALTENS CHAPEL. 2.9 mi NW of; on rd to Hickory Plains; 20 ft E of c/l of rd; 200 ft NW of W. R. Welch's residence; in W root of 40-inch red oak tree. Copper nail and washer. MGL. (USE 48)	226.577
WALTENS CHAPEL. 4 mi NW of; on rd to Hickory Plains; " at Crossroads", at intersection with rd to Des Arc; 60 ft SW of store; in S root of 30-inch red oak tree. Copper nail and washer. MGL. (USE 48)	225.079
WARD. Top of W rail opposite MP RR station. MSL. (USC&GS 12)	244.2
WARD. RV 130. (MP RR). About 0.1 mi SW along MP RR from station at; at pole 317+28, and in center of W headwall of 3 by 3.5 ft concrete culvert. Standard monel-metal rivet. MSL. (USC&GS 12)	240.029
WARD. A 10. About 0.3 mi NE along MP RR from station at; at pole 317 + 12, 45 ft NE of grade crossing, 45 ft NW of Southbound track, 7 ft W of pole. Standard disk, stamped "A 10 1931" and set in top of concrete post. MSL. (USC&GS 12)	233.444
WARD. RV 129 (MP RR). About 0.4 mi NE along MP RR from station at; at pole 317 + 09, and in center of W headwall of 4 by 10 ft concrete culvert. Standard monel-metal rivet. MSL. (USC&GS 12)	233.303
WARD. RV 131 (MP RR). About 0.6 mi SW along MP RR from station at; at pole 318 + 10, and in center of W concrete headwall of 24-inch cast-iron pipe culvert. Standard monel-metal rivet. MSL. (USC&GS 12)	249.996
WARD. RV 128 (MP RR). About 0.9 mi NE along MP RR from station at; at pole 316 + 29 and in SW	

Name and description	Elev. ft.
cor of concrete foundation of signal 3166. Standard monel-metal rivet. MSL. (USC&GS 12)	228.425
WARD. Top of rail opposite MP RR milepost 319. MSL. (USC&GS 18)	219.9
WARD. RV 127 (MP RR). About 1.7 mi NE along MP RR from station, at pole 315 + 38, and in SE cor of foundation of battery feed. Standard monel-metal rivet. MSL. (USC&GS 12)	222.700
WARD. RV 126. (MP RR) See White Co. MSL. (USC&GS 12)	219.649
WATTENSAW. Est. (AGS 300)	225.
WILOBEL. Station. (SLSW 246)	229.80

CROSS INDEX TO LEVEL LINES IN

MONROE COUNTY

Line No. 27

Brinkley
Dagmar

Line No. 35

Ark-Monroe County Line
Ashford Landing
Clarendon
Duncan
Holly Grove
Lockout
Preston Ferry
Roe

Line No. 53

Indian Bay
Indian Bay Mound
Valley Grove School

Line No. 67

Indian Bay

Line No. 175

Roe

Line No. 244

Burma

Line No. 245

Brinkley
Eden
Saulsburg

Line No. 246

Bayless
Brinkley
Clarendon
Fargo
Jefferies
Keevil
Lenoir
Overhold
Roe
Zent

Line No. 34

Brinkley
Monroe

Line No. 41

Dagmar
Eden
Keevil

Line No. 50

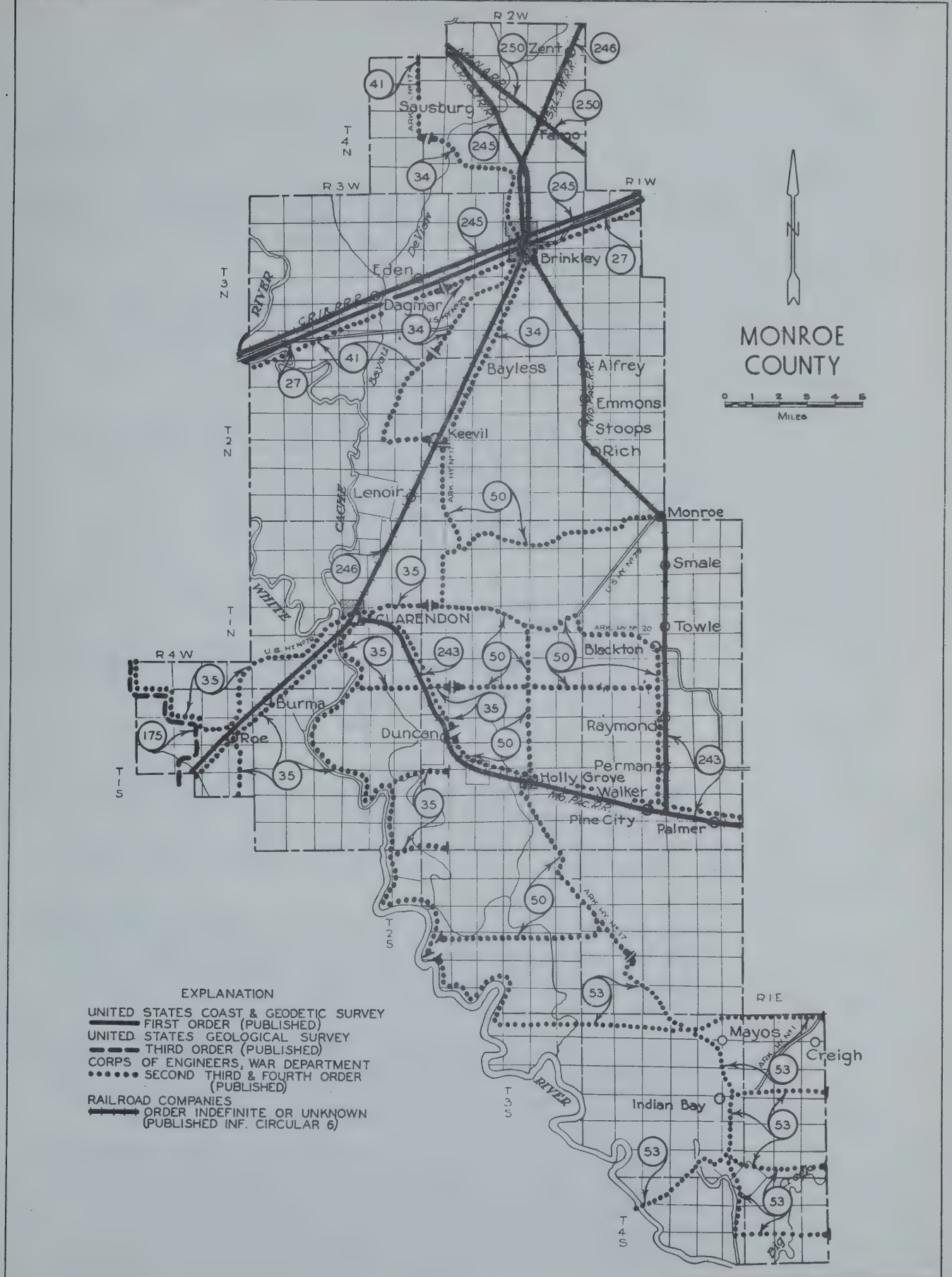
Bethelehem Church
Bethelehem School
Blackton
Clarendon
Duncan
Holly Grove
Junction State Route 3 and 20
Keevil
Mattock Bay
Monroe
Palmer
Pine City

Line No. 243

Alfrey Spur
Blackton
Brinkley
Brinkley Branch Junction
Clarendon
Duncan
Emmons
Holly Grove
Monroe
Pine City
Raymond
Smale
Stoops Spur
Towle

Line No. 250

Fargo



BASIC DATA FROM ARK. HY. DEPT. MAP

ART
OF THE
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Name and description	Elev. ft.
ALFREY SPUR. Station. (MP 243)	186.1
ARKANSAS-MONROE COUNTY LINE. A little N of; in SE cor of sec 31; copper nail and washer in N root of 24-inch elm tree, called "39 L". MGL. (USE 35)	161.6
ARKANSAS-MONROE COUNTY LINE. A little N of; on Preston Ferry rd; 30 ft E of rd; copper nail and washer in NW root of 18-inch pecan tree, called "24 L". MGL. (USE 35)	158.0
ASHFORD LANDING. About 0.25 mi above; about 7 mi S of Clarendon, about 4.5 mi above Preston Ferry; on lt bank of White River; in SW¼, sec 23; 130 ft NE of top of river bank; in clearing in woods. Brass cap on iron pipe set in concrete and stamped, "USED 308.503." MGL. (USE 35)	163.1
BAYLESS. Station. (SLSW 246)	210.04
BETHLEHEM CHURCH. At cor of church; SW cor of crossroads; on Cypress Ridge rd; about 4 ft S of pump; copper nail and washer in N root of 14-inch oak tree. MGL. (USE 50)	184.536
BETHLEHEM CHURCH. At church and school; 640 ft E of crossroads; 20 ft N of E-W rd; E of N-S rd; 3 ft S of fence; one half-way between church and school. Brass cap on iron pipe set in concrete and stamped, "USED Trav Sta 145." MGL. (USE 50)	184.105
BETHLEHEM CHURCH. 1 mi W of; on Cypress Ridge rd; about 350 ft SW of house in pecan grove; 40 ft SE of rd; copper nail and washer in NW root of 30-inch elm tree. MGL. (USE 50)	181.259
BETHLEHEM CHURCH. 2 mi SW of; NW of intersection of Cypress Ridge rd and St Route 17; in SW cor of fence; copper nail and washer in SW root of 30-inch oak tree. MGL. (USE 50)	181.964
BETHLEHEM SCHOOL. About 600 ft E of; and across rd from; about 300 ft W of bend in rd; 50 ft S of Cypress Ridge rd; in cleared space; about 70 ft W of ruin of old shed. Copper nail and washer in N root of 35-inch oak tree. MGL. (USE 50)	185.644

Name and description	Elev. ft.
BLACKTON. Station. (MP 243)	180.1
BLACKTON. 15 ft W of MP RR; 18 ft N of c/l of Hwy 20; 10 ft N of switch stand; 90 ft W of Roberts Bros. store; 125 ft NE of PO. Iron cap on iron pipe set in concrete, stamped, "Trav Sta A-48." This is reference mark to Trav Sta A/47. MGL. (USE 50)	181.5
BLACKTON. 1,000 ft W of; 950 ft W of RR and hwy crossing; 150 ft E of woods rd to S; 50 ft S of St Route 20; on outside of curve; in pine grove. Brass cap on iron pipe set in concrete and stamped, "USED Trav Sta A-47." MGL. (USE 50)	176.8
BLACKTON. About 1.5 mi S of; on MP RR; 45 ft W of c/l of track; 45 ft N of c/l of dirt rd; 4 ft S of E-W fence; 15 ft W of fence cor. Brass cap on iron pipe set in concrete, stamped, "USED 308-510." MGL. (USE 50)	179.5
BLACKTON. About 1.5 mi W of; on St Route 20; 25 ft S of hwy; about 80 ft W of curve in rd; copper nail and washer in N root of 28-inch white oak tree, called "R-26." MGL. (USE 50)	180.9
BLACKTON. 2 mi S of; along MP RR; 50 ft W of c/l of track; 10 ft N of Raymond's store; copper nail and washer in E root of 36-inch oak tree, called "R-32." MGL. (USE 50)	180.8
BRINKLEY. Station. (MP 243)	205.2
BRINKLEY. Station. (CRI&P 245)	204.
BRINKLEY. Station. (SLSW 246)	227.15
BRINKLEY. In front wall of MP RR station, between sills of two front windows of white waiting room, 10 ft NW of waiting room door, and 4 ft above platform. Standard disk, stamped "Y 30 1933" and set vertically. MSL. (USC&GS 27)	212.942
BRINKLEY. 209. In NE cor of concrete platform at MP RR station, 6 ft SW of intersection of main tracks of CRI&P Ry and SLSW Ry and 2 ft S of main track of former. Chiseled cross. MSL. (USC&GS 27)	208.848
BRINKLEY. Traverse sta. About 650 ft W of CRI&P Ry station, in parking at cor of Main and Cypress	

Name and description	Elev. ft.
Streets, and 17 ft S of track. Standard triangulation-sta disk, stamped "BRINKLEY BM 1916 1920" and set in top of concrete post. MSL. (USC&GS 27)	207.536
MGL. (USE 34)	207.767
BRINKLEY. At NE cor of park, in PO yard, 25 ft N of Main Street entrance, 12 ft NE of NE cor of building, 6 ft W of sidewalk, and 2 ft S of driveway. Standard disk, stamped "Z 30 1933" and set in top of concrete post. MSL. (USC&GS 27)	206.345
BRINKLEY. About 165 ft SE of CRI&P Ry station, about 100 ft S of track, 138 ft E of main track of SLSW Ry, and 23 ft SE of c/l of wye track, in NE cor of lot belonging to James Gunn. Stone post, marked "V". MSL. (USC&GS 27)	204.826
MGL. (USE 34)	205.051
Note. In 1933, this BM was reported to be very loose in ground and was therefore not included in leveling. Elev given is based on leveling in 1916.	
BRINKLEY. Top of rail opposite CRI&P Ry milepost 68. MSL. (USC&GS 27)	190.7
BRINKLEY. About 0.75 mi S of along SLSW Ry; in RR yards; on S end of round concrete culvert. Cross chiseled in concrete called "12-L." MGL. (USE 34)	202.3
BRINKLEY. Top of rail opposite CRI&P Ry milepost 70. MSL. (USC&GS 27)	195.9
BRINKLEY. About 1 mi SW of; on St Route 17 toward Clarendon; at filling sta and at tourist camp; 20 ft E of hwy; in root of 18-inch post oak tree. Copper nail and washer. MGL. (USE 34)	190.227
BRINKLEY. Top of rail opposite CRI&P Ry milepost 71. MSL. (USC&GS 27)	190.4
BRINKLEY. About 2 mi E along CRI&P Ry, 17 ft SW of second pole W of milepost 67, about 600 ft E of private rd crossing at Carol Bledsoe's property, and about 27 ft N of track. Standard triangulation-sta disk, stamped "JUNCTION BM 1916 1920" and set in top of concrete post. MSL. (USC&GS 27)	191.463
MGL. (USE 34)	191.658

Name and description	Elev. ft.
BRINKLEY. About 2 mi W along CRI&P Ry, 338 ft W of bridge 715, about 790 ft E of rd crossing at Alfred Hunt's residence, and 14 ft S of track. Standard triangulation-sta disk, stamped "EDEN" and set in top of concrete post. MSL. (USC&GS 27)	187.086
Note. In 1933, it was reported that this BM was probably covered by a hand-car set off. Elev given is based on leveling in 1916.	
Reference Mark. About 2 mi W along CRI&P Ry, about 21.5 poles W of milepost 71, and about 63 ft NW of traverse sta Eden, described above. Standard reference mark disk, stamped "EDEN BM 1916 to 1920" and set in top of concrete post. MSL. (USC&GS 27)	187.145
BRINKLEY. About 2 mi SW of; along St Route 17 toward Clarendon; in opening in front of house that sets about 200 ft off hwy; 30 ft W of hwy; in root of 18-inch stump. Copper nail and washer. MGL. (USE 34)	188.362
BRINKLEY. About 2 mi SW of; 500 ft W of "Yard Limit" sign; at N end, E side of Co rd bridge; in SE cor of cap sill. Nail called "14-F." MGL. (USE 34)	183.91
BRINKLEY. Top of rail opposite CRI&P Ry milepost 72. MSL. (USC&GS 27)	184.3
BRINKLEY. About 3 mi N of along St Route 17; about 1,600 ft N of crossing of CRI&P and SLSW Rys; 25 ft E of c/l of CRI&P Ry; in line with telegraph poles and S edge of W tangent of St Route 17. Brass cap on iron pipe set in concrete and stamped, "USED L-13-4." MGL. (USE 34)	199.711
BRINKLEY. About 3 mi SW of; along St Route 17 toward Clarendon; 200 ft S of concrete culvert; 20 ft E of hwy; in root of 12-inch oak tree. Copper nail and washer. MGL. (USE 34)	184.833
BRINKLEY. About 3 mi SW of; near milepost 73-00; in school yard S of RR; 15 ft from right of way fence; in NE root of 30-inch red oak tree. Nail called "15-F." MGL. (USE 34)	184.57
BRINKLEY. Top of rail opposite CRI&P Ry milepost 73. MSL. (USC&GS 27)	184.2

Name and description	Elev. ft.
BRINKLEY. About 4 mi SW of; along St Route 17 toward Clarendon; 0.5 mi N of junction of St Routes 17 and 70; 15 ft W of hwy; in front of house; in root of 12-inch oak tree. Copper nail and washer. MGL. (USE 34)	188.960
BRINKLEY. About 4.3 mi NW of; along St Route 17; on S side of hwy; in root of 14-inch oak tree. Copper nail and washer. MGL. (USE 34)	191.756
BRINKLEY. About 4.5 mi SW of; 75 ft E of track; 100 ft SW of old store; in W root of 8-inch red oak tree. Nail and washer called "14-L." MGL. (USE 34)	185.1
BRINKLEY. About 5 mi SW of; along St Route 17 toward Clarendon; 0.5 mi S of junction of St Routes 17 and 70; 30 ft E of hwy; in root of 12-inch oak tree. Copper nail and washer. MGL. (USE 34)	190.205
BRINKLEY. About 5.3 mi NW of; along St Route 17; in front of house; on N side of St Route 17; in root of 12-inch oak tree. Copper nail and washer. MGL. (USE 34)	194.526
BRINKLEY. About 6 mi SW of; in edge of E right of way; at crossing; in SW root of 14-inch oak tree. Nail and washer called "15-L." MGL. (USE 34)	187.0
BRINKLEY BRANCH JUNCTION. Station. (MP 243)	176.0
BURMA. Station. (SLSF 244)	532.
CHIMIL. Est. (MRC 123)	175.
CLARENDON. Station. (MP 243)	175.6
CLARENDON. Station. (SLSW 246)	199.28
CLARENDON. At; on Clarendon side of SLSW Ry bridge over White River, on extreme upstream end of shore pier; known as USED BM "North Pier." Square cut. MGL. (USE 35)	179.113
CLARENDON. 24 ft E of main track of SLSW Ry, 49 ft S of crossing with Arkansas Midland RR; pipe inside of 4-inch iron pipe about 4 ft in ground. Cap on pipe. MGL. (USE 35)	172.223
CLARENDON. 350 ft N of SLSW Ry depot; 50 ft NE of	

Name and description	Elev. ft.
water tank; 40 ft W of c/l of main track; 17 ft S of coal shed; 14 ft W of spur track. Brass cap on iron pipe set in concrete, stamped USED. "K-14-1." MGL. (USE 35)	175.769
CLARENDON. USE Gage White River; attached to concrete bridge pier; at E end of draw span of SLSW Ry bridge. Zero of gage. MGL. (USE 35)	140.143
CLARENDON. 1 mi S of; 50 ft E of Hwy 3; 500 ft E of White River, copper nail and washer in W root of sweet gum tree, called "My 1." MGL. (USE 35)	168.3
CLARENDON. 1 mi SE of where MP RR crosses SLSW Ry; 80 ft NW of RR milepost; cross cut on NE end of E side of concrete flood gate through levee, called "T 30." MGL. (USE 35)	175.3
CLARENDON. 1.75 mi SE of; 200 ft NW of where MP RR crosses levee; 75 ft N of White River levee; 15 ft NE of house; copper nail and washer in SW root of 30-inch cottonwood tree, called "T 31." MGL. (USE 35)	176.5
CLARENDON. 2 mi E of; 1 mi W of junction of St Hwys; 75 ft S of Hwy 3; in root of 40-inch elm tree. Copper nail and washer. MGL. (USE 35)	183.116
CLARENDON. 2 mi SE of; at milepost 45 + 00; 175 ft W of two room white house; 10.5 ft N of c/l of RR track; concrete block with tack in top, called "T 32." MGL. (USE 35)	178.8
CLARENDON, 2.2 mi S of; 800 ft E of White River; 25 ft E of St Route 3; in curve of rd; copper nail and washer in root of 18-inch elm tree, called "My 2." MGL. (USE 35)	165.7
CLARENDON. 3 mi E of; and 0.8 mi N of; on St Route 17, about 0.8 mi N of junction of St Routes 3 and 17; about 1,500 ft S of jog to rt in hwy; copper nail and washer in SE bridge curbing end. MGL. (USE 50)	183.047
CLARENDON. 3 mi SE of; 200 ft SE of house; 100 ft W of house; 40 ft E of MP RR; copper nail and washer in NW root of 30-inch pecan tree, called "T 33." MGL. (USE 35)	178.7
CLARENDON. 3 mi S of; on E side of St Route 3; in	

Name and description	Elev. ft.
front of house; 300 ft S of permanent hub 162 +00; copper nail and washer in W root of 18-inch pecan tree. MGL. (USE 35)	171.8
CLARENDON. 3 mi E of; on N side of St Route 3; 300 ft W of junction of St Routes 3 and 17; square cut on top of N side of headwall of concrete culvert. MGL. (USE 50)	185.389
CLARENDON. 3 mi E of; at junction of Hwys 3 and 17; 40 ft N of c/l of Hwy 3 and in c/l of Hwy 17 extended; 6 ft W of hwy sign post. Brass cap on iron pipe set in concrete, stamped "USED Trav Sta 171." MGL. (USE 50)	182.49
CLARENDON. 3.5 mi S of; on lt bank of White River; 150 ft E of top bank of river; 30 ft E of N-S rd; 15 ft S of dirt rd; 5 ft N of E-W fence. Brass cap on iron pipe set in concrete, stamped "USED 308-500." MGL. (USE 35)	170.0
CLARENDON. 3.75 mi SE of; 600 ft SE of milepost 43-10; 75 ft E of RR track; copper nail and washer in W root of 22-inch sweet gum tree, called "T 34." MGL. (USE 35)	176.8
CLARENDON. 4 mi SE of; on outside of fence; 15 ft N of fence cor; 80 ft E of MP RR; 30 ft N of c/l of dirt rd. Brass cap on iron pipe set in concrete, stamped "USED 308-517." MGL. (USE 35)	178.2
CLARENDON. Approximately 4.2 mi E of; at reverse curve in St Route 3 and 17; cross in circle on culvert on N side of rd, called "L #13." MGL. (USE 50)	183.5
CLARENDON. Approximately 5 mi E of; 15 ft N of St Route 17 and 3; copper nail and washer in SE root of 36-inch oak tree, called "L #14." MGL. (USE 50)	181.0
CLARENDON. About 5 mi S of; 2.3 mi E of Roe, Ark; on rt bank of White River at edge of bluff line; 70 ft N of rd; about 1,800 ft N of Harris Ferry. Brass cap on iron pipe set in concrete, stamped "USED 308-502." MGL. (USE 35)	212.3
CLARENDON. About 5.5 mi S of; about 0.75 mi S of Harris Ferry; on lt bank of White River; copper nail and washer in root of 20-inch pecan tree,	

Name and description	Elev. ft.
called "My 6." MGL. (USE 35)	168.2
CLARENDON. About 6 mi S of; about 4 mi W of Holly Grove; on N side of old right of way; near SW cor of sec 13; copper nail and washer in W root of 18-inch ash tree, called "My 7." MGL. (USE 35)	163.0
CLARENDON. 6 mi SE of; 400 ft SE of house; E side of RR opposite pole 41-10; RR spike driven in side of telegraph pole, 2 inches above ground, called "T 35." MGL. (USE 35)	176.5
CLARENDON. About 6.5 mi S of; about 4 mi W of Holly Grove; 200 ft E of lt bank of White River; copper nail and washer in NE root of 24-inch hackberry tree, called "My 8." MGL. (USE 35)	165.8
CLARENDON. 7.5 mi E of; 1.2 mi E of junction of St Routes 3 and 17; in SW¼ of sec 24; 200 ft NE of cotton gin; 25 ft S of Hwy 3; 20 ft W of N-S rd. Brass cap on iron pipe set in concrete, stamped "USED Trav Sta A-24." MGL. (USE 50)	180.0
CREIGH. Est. (AGS 300)	170.
DAGMAR. About 6.5 mi W along CRI&P Ry from Brinkley at; about 30½ poles W of milepost 75, about 150 ft E of hwy crossing, 75 ft N of track, and at gate to two story frame building behind RR station. Standard disk, stamped "A 31 1933" and set in top of concrete post. MSL. (USC&GS 27)	175.085
DAGMAR. About 200 ft W of sign board; 500 ft W of spur track switch; 65 ft S of spur track; 70 ft N of and 10 ft lower than main track. Stone post marked "U". MGL. (USE 41)	172.840
DAGMAR. Top of rail opposite CRI&P Ry milepost 75. MSL. (USC&GS 27)	184.
DAGMAR. Top of rail opposite CRI&P Ry milepost 76. MSL. (USC&GS 27)	182.8
DAGMAR. Top of rail opposite CRI&P Ry milepost 74. MSL. (USC&GS 27)	183.4
DAGMAR. About 1 mi W of; along CRI&P Ry; on SE cor of E end of trestle 773. Cross on bolt head called "19-F." MGL. (USE 41)	182.77

Name and description	Elev. ft.
DEVUE. Est. (AGS 300)	200.
DUNCAN. See Ashford Landing. (USE 35)	
DUNCAN. See Preston Ferry. (USE 35)	
DUNCAN. Station. (MP 243)	176.4
DUNCAN. 75 ft E of c/l of MP RR track; 35 ft N of dirt rd; 3 ft N of fence cor; outside of fence; brass cap on iron pipe set in concrete, stamped "308-516." MGL. (USE 35)	176.7
DUNCAN. Approximately 0.6 mi SE of; along MP RR; 125 ft NE of pole 40.5; RR spike in W side of telegraph pole, called "T 37." MGL. (USE 50)	178.3
EDEN. Station. (CRI&P 245)	179.
EDEN. Village. Est. (MRC 111)	176,
EDEN. 350 ft W of bridge 719 on CRI&P Ry; 500 ft E of rd crossing at Alfred Hunt's house; about 15 ft S of track. Concrete post with disk in top. USC&GS Triangulation Sta called "Eden." MGL. (USE 41)	187.25
EDEN. About 1 mi W of; along CRI&P Ry; 150 ft E of pole 75-10; in NE cor of cap sill at W end of trestle. Tie dating nail '12 in cap sill called "17-F." MGL. (USE 41)	180.49
EMMONS. Station. (MP 243)	186.3
EMMONS. Village. Est. (MRC 106)	196.
FARGO. Station. (SLSW 246)	221.5
FARGO. Station. (M&NA 250)	201.
HOLLY GROVE. See Mattock Bay. (USE 50)	
HOLLY GROVE. 1,000 ft E of depot at; 20 ft S of S rail on MP RR track; 3 ft SE of SE cor of coal shed; 25 ft N of c/l of E-W street; 200 ft E of St Route 17; 40 ft W of 28-inch box elder tree; brass cap on iron pipe, stamped "USED L-14-12." MGL. (USE 50)	180.9
HOLLY GROVE. About 3,500 ft N of; on St Route 17; 145 ft N of sec line; 150 ft N of E and W rd; copper nail and washer in S root of 10-inch holly	

Name and description	Elev. ft.
tree on W side of rd, called "T-11." MGL. (USE 50)	183.2
HOLLY GROVE. Approximately 1.25 mi S of; on St Route 17; about 1,000 ft S of cotton gin; W side of hwy; copper nail and washer in NE root of 30-inch black gum tree, called "T #3." MGL. (USE 50)	171.6
HOLLY GROVE. Approximately 1.5 mi N of; on St Route 17; 25 ft W of rd; copper nail and washer in SE root of 30-inch post oak tree, called "L #11." MGL. (USE 50)	180.0
HOLLY GROVE. 2 mi NW of; S side of RR where spur track runs out from main track; 5 ft NE of small house; 350 ft NE of Fisher Lumber Company office; RR spike in N side of telegraph pole, called "T #14." MGL. (USE 50)	179.7
HOLLY GROVE. 2.5 mi E of; on MP RR; in front of section house; RR spike in telegraph pole 34/20 S of track, called "K." MGL. (USE 50)	178.5
HOLLY GROVE. 3 mi NW of; 250 ft S of farm rd; 550 ft W of house; copper nail and washer in SW root of 26-inch elm tree, called "T 15." MGL. (USE 35)	171.6
HOLLY GROVE. About 3 mi N of; on St Route 17; 30 ft W of c/l of rd; at curve in rd; on outside of fence, 2 ft E of fence cor. Brass cap on iron pipe set in concrete and stamped "USED BM 308-509." MGL. (USE 50)	176.4
HOLLY GROVE. Approximately 3 mi S of; on St Route 17; on W side of hwy; about 400 ft N of curve; about 400 ft N of ½ sec line; copper nail and washer in E root of 40-inch post oak tree, called "T #4." MGL. (USE 50)	171.2
HOLLY GROVE. Approximately 4.2 mi S of; on St Route 17; at N end of curve in hwy; 30 ft S of E-W graded dirt rd; 40 ft NE of tin roof tenant house; 30 ft W of group of mail boxes. Brass cap on iron pipe set in concrete, stamped "USED L-14-11." MGL. (USE 50)	168.4
HOLLY GROVE. 3.5 mi N of and 1 mi E of; 1 mi E of St Route 17; at intersection of rd; 200 ft W of farmhouse; copper nail and washer in S root of	

Name and description	Elev. ft.
60-inch red oak tree, called "35 L." MGL. (USE 50)	180.9
HOLLY GROVE. 3.5 mi N of and 1.3 mi W of; 1.3 mi W of St Route 17; in edge of woods; copper nail and washer in NE root of 15-inch maple tree, called "R #30." MGL. (USE 50)	176.3
HOLLY GROVE. Approximately 5 mi S of; on St Route 17; 30 ft W of hwy; wire staple in E root of 30-inch hollywood tree, called "T #6." MGL. (USE 50)	170.8
HOLLY GROVE. 5 mi NW of; 25 ft S of "East Lake" bank; 25 ft W of dummy track for log train; copper nail and washer in SE root of 26-inch pecan tree, called "T 16." MGL. (USE 35)	163.8
HOLLY GROVE. 6 mi W of; 20 ft N of old log rd dummy track; approximately 0.25 mi SW of where track leaves main dummy track; copper nail and washer in SW root of 40-inch pecan tree, called "T 17." MGL. (USE 35)	163.6
HOLLY GROVE. Approximately 6 mi N of; on St Route 17 and 3; 50 ft N of St Route 17; copper nail and washer in SW root of 50-inch overcup oak, called "L #15." MGL. (USE 50)	184.4
HOLLY GROVE. Approximately 6 mi S of; on St Route 17; 25 ft W of hwy; in colored school yard NE of school; wire staple in E root of 30-inch elm tree, called "T #7." MGL. (USE 50)	170.4
HOLLY GROVE. 3 mi N of and 4 mi W of; on farm rd, 200 ft E of farmhouse; about 800 ft E of 24-inch pin oak tree, called "41 L." MGL. (USE 35)	176.3
HOLLY GROVE. 7.8 mi S of; on St Route 17; 35 ft N of intersection of St Route 17 and graded dirt rd; 400 ft W of old two story brick house; in edge of field. Brass cap on iron pipe set in concrete, stamped "USED L-15-10." MGL. (USE 50)	168.5
HOLLY GROVE. 3 mi N of and 5 mi W of; 50 ft W of cotton field; on edge of flat; NE center of sec 2; on E bank of slough; copper nail and washer in S root of 24-inch sycamore tree, called "43 L." MGL. (USE 35)	167.4

Name and description	Elev. ft.
INDIAN BAY. See Indian Bay Mound. (USE 53)	
INDIAN BAY. See Valley Grove School. (USE 53)	
INDIAN BAY. PO 40 ft S of W. L. Page's store; 100 ft S of c/l of E and W rd; 40 ft W of c/l of old St Route 17; on outside of fence. Brass cap on iron pipe set in concrete and stamped, "USED 308-515." MGL. (USE 53)	163.7
INDIAN BAY. PO. About 1 mi N of; on St Route 17; on E side of hwy; 250 ft N of house; in SE cor of woods; in W root of 60-inch water oak tree; copper nail and washer, called "T-27." MGL. (USE 53)	163.5
INDIAN BAY. PO. About 3 mi E of; in SW¼ of sec 16-T3S-R1E; in SW root of 20-inch hickory tree; copper nail and washer, called "R-29." MGL.	159.6
INDIAN BAY. 3.5 mi E and 0.3 mi N of; 1.4 mi S of Buck's point; 50 ft W of Big Creek; in sec 34-T4S-R1E; in E root of 12-inch oak tree; copper nail and washer, called "R 52." MGL. (USE 67)	150.500
INDIAN BAY. 4.5 mi E and 1.2 mi N of; 600 ft S of Buck's Point; 50 ft W of Big Creek; in sec 26-T3S-R1E; in NW root of 28-inch oak tree; copper nail and washer, called "R-51." MGL. (USE 67)	154.530
INDIAN BAY. 5.5 mi E and 1.3 mi N of; 100 ft W of Big Creek; in NE¼ of sec 36-T3S-R1E; in SW root of 36-inch oak tree; copper nail and washer, called "R-50." MGL. (USE 67)	154.500
INDIAN BAY MOUND. 65 ft W of c/l of main rd; 150 ft SE of SE cor of school; 40 ft E of NE cor of Farrar Club house; about 2 ft E of N and S fence and 10 ft S of fence cor. Brass cap on iron pipe set in concrete, stamped "USED 208-512." MGL. (USE 53)	161.2
INDIAN BAY MOUND. About 0.75 mi NW of; on St Route 17; on S side of hwy; in N root of 36-inch pin oak tree. Copper nail and washer, called "T-25." MGL. (USE 53)	159.7
INDIAN BAY MOUND. 1.5 mi W of; 50 ft NW of W bank of Moon Lake; in N root of 20-inch ash tree. Copper nail and washer, called "33 L." MGL. (USE 53)	149.8

Name and description	Elev. ft.
INDIAN BAY MOUND. About 1.5 mi E of; in SE¼ of sec 32-T3S-R1E; in S root of 24-inch pin oak tree. Copper nail and washer, called "37-L." MGL. (USE 53)	153.7
INDIAN BAY MOUND. About 2 mi N of; on St Route 17; on W side of hwy; in edge of woods; 200 ft SE of sec cor; in root of 32-inch sweet gum tree. Copper nail and washer, called "T-26." MGL. (USE 53)	160.7
INDIAN BAY MOUND. About 2.5 mi E of; in SE¼ of sec 33-T3S-R1E; 50 ft N of N bank of Big Creek; in N root of 36-inch white oak tree. Copper nail and washer, called "38-L." MGL. (USE 53)	148.3
INDIAN BAY MOUND. 2.5 mi S of; and about 1.5 mi E of; about 1 mi E of E bank of Indian Bay; on approximate N line of sec 18-T4S-R1E; on S side of Sandy Slough, on 12-inch ash tree, called "M-3." MGL. (USE 53)	149.6
INDIAN BAY MOUND. About 3 mi E of; in center of S part of sec 33-T3S-R1E; about 800 ft from Big Creek; in N root of 28-inch oak tree. Copper nail and washer, called BM "S 1." MGL. (USE 53)	149.1
JEFFERIES. Station. (SLSW 246)	206.44
KEEVIL. Station. (SLSW 246)	207.82
KEEVIL. At town of; about 450 ft S of depot, 14 ft S of c/l of hwy; brass cap on iron pipe set in concrete, stamped "USED K-13-1." MGL. (USE 41)	187.268
KEEVIL. About 2.5 mi NW of; about 2.5 mi SW of Junction of Routes 17 and 70; 50 ft S of lane opposite barn; 100 ft E of hwy; in root of 18-inch oak tree. Copper nail and washer. MGL. (USE 41)	187.847
KEEVIL. 3 mi S of; toward Clarendon; 40 ft E of St Route 17; in front of house; copper nail and washer in root of 24-inch walnut tree. MGL. (USE 50)	184.446
KEEVIL. 4 mi S of; 25 ft E of St Route 17 in front of house; copper nail and washer in root of 14-inch oak tree. MGL. (USE 50)	184.541

Name and description	Elev. ft.
KEEVIL. Est. (AGS 300)	187.
LENOIR. Station. (SLSW 246)	205.55
LOOKOUT. At crossroads; 4.5 mi S and 0.5 mi E of Roe; in SE root of 25-inch oak tree; copper nail and washer. MGL. (USE 35)	212.770
LOOKOUT. 2.5 mi SE of; 1,000 ft S of Matt Sim's place; 100 ft SE of rd cors; 50 ft S of fence line; in N root of 20-inch oak tree. Copper nail and washer. MGL. (USE 35)	211.817
LOOKOUT. Est. (AGS 300)	205.
MALHAM. Est. (AGS 300)	185.
MATTOCK BAY. Near E bank of; 500 ft NE of house that stands on ridge; copper nail and washer in W root of 48-inch pin oak, called "T-21." MGL. (USE 50)	164.3
MATTOCK BAY. About 1 mi W of; about 3 mi W of St Route 17; on bank of lake, about 50 ft from waters edge; copper nail and washer in N root of 30-inch overcup oak, called "L-1." MGL. (USE 50)	155.6
MATTOCK BAY. About 2 mi W of; about 3.5 mi W of St Route 17; on E bank of lake; copper nail and washer in NE root of 18-inch leaning pecan tree, called "L-2." MGL. (USE 50)	152.3
MATTOCK BAY. About 3 mi W of; about 5 mi W of St Route 17; 1.5 mi N of and 1 mi E of Mount Adams; in N central part of sec 20; copper nail and washer in NW root of 30-inch pecan tree, called "L-3." MGL. (USE 50)	160.1
MEMPHIS JUNCTION. Est. (MRC 106)	200.
MONROE. See Bethlehem Church. (USE 50)	
MONROE. See Bethlehem School. (USE 50)	
MONROE. See Junction St Route 3 and 20. (USE 50)	
MONROE. Station. (MP 243)	187.0
MONROE. About 500 ft E of RR crossing; about 300 ft E of junction with rd running N; 44 ft S of c/l of St Route 3; 28 ft N of E rd and 5 ft W of	

Name and description	Elev. ft.
fence cor; in forks of rd; brass cap on iron pipe set in concrete and stamped "USED Trav Sta 103." MGL. (USE 50)	186.288
MONROE. Approximately 0.75 mi W of; on S side of sec line rd; 150 ft NW of metal roofed small white dwelling house; copper nail and washer in N root of 30-inch oak tree which is most W tree of grove of six large oak trees. MGL. (USE 50)	187.437
MONROE. Half way between Monroe and twin wooden bridge to E on St Route 3; cross mark on SE cor of W concrete culvert header. MGL. (USE 50)	181.412
MONROE. Approximately 2 mi W of; across rd and W of intersecting ¼ sec rds; 10 ft SW of small bridge across E-W rd; directly across rd S of 8-inch lonesome oak tree inside of fence line; copper nail and washer in N root of elm tree on foot inside of fence line. MGL. (USE 50)	189.708
MONROE. About 2 mi NE of; along St Route 3; 300 ft S of prominent pine on roadside; 2.5 mi S of bridge over Big Creek; S of twin wooden bridges; in SW pile top at bridge head; copper nail and washer. MGL. (USE 34)	181.670
MONROE. About 3 mi N of; about 1.4 mi S of bridge over Big Creek; 600 ft N of crossroads at sawmill; in SE pile top at first wooden bridge. Brass nail and washer. MGL. (USE 34)	183.034
MONROE. 3.25 mi SW of; on Cypress Ridge rd; 0.25 mi W of crossroads; 135 ft SW of J. E. Carmichael's house; on edge of field rd. Brass cap on iron pipe set in concrete and stamped "USED Trav Sta 120." MGL. (USE 50)	186.041
MONROE. 4 mi SW of; on Cypress Ridge rd; about 100 ft W of pine thicket; 300 ft W of bend in rd; on N side of rd; copper nail and washer in S root of 25-inch oak tree. MGL. (USE 50)	180.291
MONROE. 5.5 mi SW of; on Cypress Ridge rd; approximately 200 ft NE of metal roofed house; on S edge of rd; about 10 ft N of fence line; copper nail and washer in root of lone sycamore tree. MGL. (USE 50)	183.621
NORTH BRINKLEY. Est. (MRC 106)	200.

Name and description	Elev. ft.
OVERHOLD. Station. (SLSW 246)	208.19
PALMER. Station. (MP 243)	175.
PALMER. 150 ft SW of SW cor of depot; 30 ft E of c/l of dirt rd; outside of fence around house of A. H. Gilbert; brass cap on iron pipe set in concrete, stamped "USED 308-511." MGL. (USE 50)	175.6
PALMER. 1.5 mi E of; along MP RR; 200 ft S from house; copper nail and washer on N root of 24-inch oak tree, called "52-L." MGL. (USE 50)	176.7
PERWAN. Station. (MP 243)	176.
PIERCILLA. Est. (MRC 106)	195.
PINE CITY. Station. (MP 243)	176.7
PINE CITY. About 0.25 mi E of; on inside of RR "Y" near N end; 24 ft E of E rail on W track; 78 ft W of W rail on E track; on old RR spur dump; brass cap on iron pipe set in concrete, stamped "USED Trav Sta A/75." MGL. (USE 50)	175.4
PINE CITY. Approximately 2 mi N of; along MP RR; 50 ft W of c/l of track; 50 ft S of power line; copper nail and washer in W root of 30-inch white oak tree, called "36-R." MGL. (USE 50)	176.5
PRESTON FERRY. Opposite Casco, Ark; on lt bank of White River; about 165 ft E of top of bank; on crest of small ridge, 65 ft E of house of H. W. Hasting; 2 ft S of E and W fence; 4 ft E of fence cor. Brass cap on iron pipe set in concrete and stamped "USED 308-505." MGL. (USE 35)	164.7
PRESTON FERRY. 1.7 mi N of; on lt bank of White River; about 90 ft from top of bank; 1,000 ft N of house; at N edge of clearing; brass cap on iron pipe set in concrete and stamped "USED 305. 504." MGL. (USE 35)	167.0
PRESTON FERRY. 3.7 mi S of; on lt bank of White River; copper nail and washer in W root of 30-inch pecan tree, called "My 14." MGL. (USE 35)	161.1
PRESTON FERRY. 5 mi S of; on lt bank of White River; copper nail and washer in N root of 30-inch hickory tree; called "My 15." MGL. (USE 35)	160.7

Name and description	Elev. ft.
RAYMOND. Station. (MP 243)	179.3
RICH. Village. Est. (MRC 106)	187.
ROE. See Preston Ferry. (USE 35)	
ROE. Station. (SLSW 246)	229.95
ROE. Name USED K-14-2. Lat 34° 37' 48".150. Long 91° 23' 18".090. Mark is center of top of brass cap on iron pipe, set in concrete, on S edge of SW¼ of sec 12, T1S-R4W; on right of way of SLSW Ry at S end of gravel walk; 150 ft SW of depot; 110 ft SE of Ark St Hwy 3; 40 ft NE of crossing, and 20 ft NW of c/l of main track. MGL. (USE 35)	208.110
Reference Mark. Is center of top of cap on 1.5-inch iron cap on iron pipe, set in concrete, approximately 600 ft SW of RR depot; 7 ft NE of cattle guard fence; 20 ft NW of c/l of SLSW Ry track, and approximately 450 ft SW of K-14-2. MGL. (USE 35)	
Note. This mark was set in 1931 and is portion of tape and transit traverse line between Clarendon and Roe, on line from Brinkley to Brinkley, via Mesa, Des Arc, and Cotton Plant.	208.110
ROE. 0.8 mi SW of; 200 ft S of telegraph pole 221-10; 150 ft N of RR bridge 502; near E right of way fence; in root of 12-inch oak tree. Copper nail and washer. MGL. (USE 35)	199.159
ROE. 1.6 mi SE of; 1,000 ft E of Harris Ferry rd; 20 ft N of pumphouse; in an old concrete base; cor SW¼ sec 13, T1S-R4W. Top of SW bolt. MGL. (USE 35)	214.076
ROE. 1.75 mi SW of; 200 ft N of RR milepost 222-15; NW cor of RR bridge 505; in W tie binder. Copper nail and washer. MGL. (USE 35)	201.040
ROE. 1 mi N and 1 mi W of; 3 mi E and 4.5 mi N of Ulm, SE cor of sec 3, T1S-R4W, 27 ft N and 39 ft W of center of T-rd W, 5 ft E of small persimmon tree; top of iron pipe driven in ground. MSL. (USGS 175)	207.96
ROE. 2 mi N and 1 mi W of; NW cor of sec 10-T1S-R4W, 200 ft S of center of crossroads, N root of 22-inch sweet gum tree; copper nail and washer.	

Name and description	Elev. ft.
MSL. (USGS 175)	206.46
ROE. 3 mi NW of; along St Hwy 3; 2 mi N of junction of Hwys 3 and 33; 50 ft E of dirt rd to DeValls Bluff; in root of 14-inch oak tree. Copper nail and washer. MGL. (USE 35)	218.409
ROE. 3.25 mi SW of; 700 ft S of RR milepost 223-25; 20 ft S of rd crossing sign post; in cor of right of way fence. Bronze tablet set in concrete post, stamped "USGS 207-0." MGL. (USE 35)	208.242
ROE. USED K-14-15. In Prairie Co. See Prairie Co. MGL. (USE 35)	207.854
ROE. 2 mi N and 2 mi W of; NE cor of sec 4, T1S-R4W, 33 ft S and 18 ft W of center of T-rd S, 6.5 ft N and 6.5 ft E of willow tree, 10 ft S of cor fence post, in top of concrete post; bronze tablet stamped "41 W 1929." MSL. (USGS 175)	208.746
ROE. 2 mi N thence 3 mi W of; NW cor of sec 4-T1S-R4W, 35 ft S and 110 ft E of center of T-rd N, NW cor of front yard of farmhouse, N root of NW pine, copper nail and washer. MSL. (USGS 175)	209.32
ROE. 5 mi NW of; on rd to De Valls Bluff; at intersection of dirt rds; in school yard, in root of 14-inch hickory tree. Copper nail and washer. MGL. (USE 35)	215.264
ROE. 3 mi N thence 3 mi W of; NW cor of sec 33-T1N-R4W, 24 ft S and 21 ft E of center of cross-roads, 2 ft S of cor fence post, top of iron pipe driven in ground. MSL. (USGS 175)	219.85
ROE. 7 mi NW of; on N side of E and W rd at junction of road leading S. Brass disk set in concrete, stamped "USC&GS PBM 1928." MGL. (USE 35)	211.170
ROE. 4 mi N thence 3 mi W of; SW cor sec 21-T1N-R4W, 24 ft N and 24 ft E of center of T-rd S, SE cor of timber and 5 ft W of cor of fence post, top of concrete post; bronze tablet, stamped "40 W 1928." MSL. (USGS 175)	211.111
ROE. 4 mi N thence 4 mi W of; NW cor of sec 29-T1N-R4W, 20 ft S and 40 ft E of center of cross-roads, 9 ft E of cor of fence post, top of Ford drive shaft driven in ground. MSL. (USGS 175)	217.68

Name and description	Elev. ft.
ROE. 3.5 mi N and 5.75 mi W of; 150 ft S of Prairie Chapel Schoolhouse; 15 ft W of N and S dirt rd; 4 ft E of fence. Brass cap on iron pipe set in concrete, stamped "USED K-14-4." MGL. (USE 35)	216.189
SAULSBURG. Station. (CRI&P 245)	185.
SMALE. Station. (MP 243)	187.3
SOLOMON. Est. (MRC 123)	175.
SOUTH BRINKLEY. Est. (MRC 106)	200.
STOOPS SPUR. Station. (MP 243)	189.0
TOWLE. Station. (MP 243)	182.0
VALLEY GROVE SCHOOL. 0.5 mi N of; and 1 mi E of; in about center of sec 1-T3S-R1W; in SW cor of farmhouse yard; 30 ft E of public rd; in S root of 24-inch water oak tree. Copper nail and washer called "23-L." MGL. (USE 53)	164.8
VALLEY GROVE SCHOOL. About 1 mi NW of; on St Route 17; about 2.5 mi NW of Indian Bay PO; in SE¼ of sec 3TS-R1W; 25 ft S of Hwy at field rd intersection; on E edge of field rd; 2 ft N of NE cor of small bridge over barrow pit; across hwy from mail box with F. Hedge name on it. Brass cap on iron pipe set in concrete, stamped "USED L-15-9." MGL. (USE 53)	165.8
VALLEY GROVE SCHOOL. About 2 mi NW of; about 0.4 mi W of St route 17; in approximate center of sec 4-T3S-R1W; about 150 ft W of fence line; in S root of 24-inch willow tree. Copper nail and washer called "L-5." MGL. (USE 53)	152.7
VALLEY GROVE SCHOOL. About 2 mi NW of; on St Route 17; in about center of E line of sec 3-T3S-R1W; 75 ft W of curve in Hwy; in NE root of 20-inch red oak tree. Copper nail and washer called "4-L." MGL. (USE 53)	167.7
VALLEY GROVE SCHOOL. About 3.5 mi N of; on St Route 17; 75 ft W of Hwy; 50 ft NE of barn; 150 ft E of house; in NE cor of barn yard; in N root of 40-inch oak tree. Nail in root called "T-29." MGL. (USE 53)	167.7

Name and description	Elev. ft.
VALLEY GROVE SCHOOL. About 4.5 mi N of; on St Route 17; 225 ft N of Hwy; 60 ft SW of house; in S root of 15-inch sweet gum tree. Copper nail and washer called "T-10." MGL. (USE 53)	166.3
VALLEY GROVE SCHOOL. About 5.5 mi N of; along St Route 17; on outside of curve where Hwy turns S across slough; E side of N-rd; in S root of 24-inch black oak tree. Wire staple, called "T-9." MGL. (USE 53)	168.2
WALDROP. Village. Est. (MRC 111)	181.
WALKERS. Est. (AGS 300)	175.
ZENT. Village. Est. (MRC 106)	196.
ZENT. Station. (SLSW 246)	218.86

CROSS INDEX TO LEVEL LINES IN

PHILLIPS COUNTY

Line No. 17

Edgewood
Helena
Lexa
Southland
West Helena

Line No. 50

Junctions State Route 3 and 20
Postelle

Line No. 58

Barton
Helena
Helena Crossing
Junctions State Route 1 and 20
Mouth of St Francis River
West Helena

Line No. 65

Barton
Junctions State Route 1 and 20
Lexa
Marvell
Poplar Grove
Postelle
Trenton

Line No. 91

Anderson Light
Avenue Revetment
Cheek Landing
Dawson
Dawson Landing
General Pillow Light
Helena
Island 62
Island 63
Island 64
Island 66
Jackson Point
Kangaroo Point

Line No. 42

Fitzhugh Landing
Helena
Oldtown Landing

Line No. 53

Turner

Line No. 63

Avenue Landing
Chute of Island 66
Dawson
Ferguson
Offut Landing

Line No. 67

Elaine
Fair Landing
Lambrook
Modoc
Trenton
Turner

Line No. 90

Helena
Prairie Point
Prairie Point and Base Line
Prairie Point Dikes
Prairie Point Towhead
St Francis Bend
St Francis Landing
Stumpy Point

Line No. 92

Ferguson
Island 68
Ludlow Landing
Mosby Spur
Zenor Towhead

CROSS INDEX TO LEVEL LINES IN

PHILLIPS COUNTY (cont'd)

Line No. 91 (cont'd.)

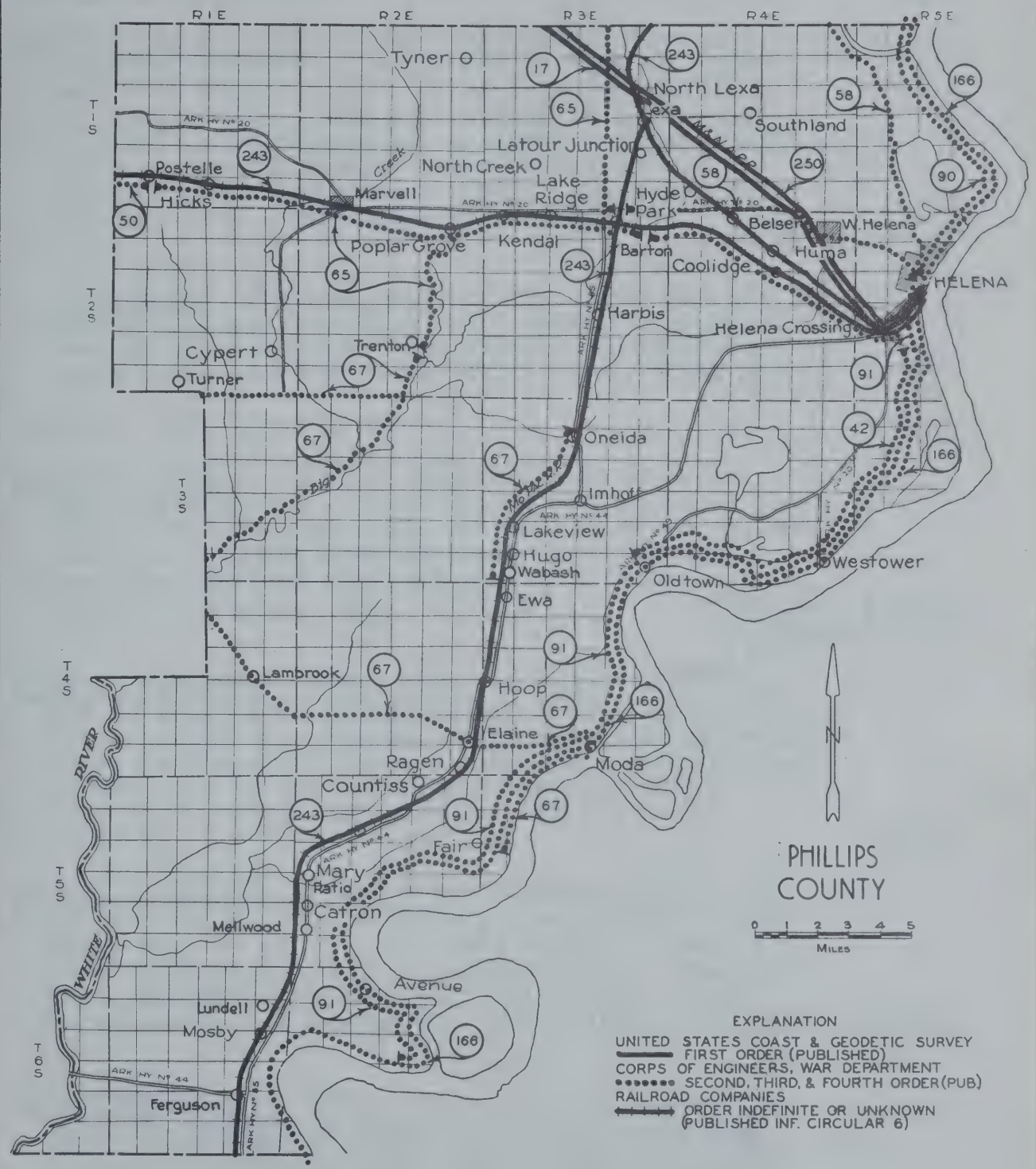
Mellwood
Modoc
Montezuma Towhead
Offut Landing
Oldtown
Oldtown Landing
Oldtown Revetment
Westover
Westover Landing

Line No. 250

Helena

Line No. 243

Barton
Barton Crossing
Catron Spur
Coolidge
Elaine
Ewa Spur
Ferguson
Harbis
Helena
Hicks
Hoop
Hugo
Huma
Imhoff Spur
Kendall
Lake Ridge
Lakeview
Latour
Latour Junction
Marvell
Mary
Mosby Spur
Neuka
Oneida
Pillows
Poplar Grove
Postelle
Stayton Spur
Wycamp



BASIC DATA FROM ARK. HY. DEPT. MAP

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Name and description		Elev. ft.
ANDERSON LIGHT. 328.4 river mi below Cairo, Ill. Position not known. BM is 450 ft back of river bank at W end of line cleared from rt bank to BM; across river from a point 0.5 mi above Dike 1 of Island 63 dikes; 0.3 mi above Anderson Light (1934); directly across river from lower end of willow bar on Mississippi River. Standard USED pipe and tile. BM 54-A. MGL. (USE 91)	Cap	181.57
	Base	177.61
References. 20-inch sycamore tree W 40 ft; 10-inch box elder tree SW 30 ft; 10-inch box elder tree SW 20 ft; 12-inch box elder tree SE 10 ft; 10-inch box elder tree NE 12 ft. MGL. (USE 91)		
AVENUE. Est. (AGS 300)		165.
AVENUE LANDING. 1,250 ft back of river bank at landing; opposite Jackson Point; 500 ft above gin; 260 ft above rd crossing; between first and second cabins above gin; 1.25 mi above First ME Church. Brass cap on iron pipe set on concrete tile and called BM Avenue. MGL. (USE 63)	Cap	163.430
	Tile	159.450
AVENUE REVETMENT. 347.2 river mi below Cairo, Ill. TBM is about 1 mi below; 100 ft E of E end of spur levee; 10 ft E of E edge of concrete paving around spur; in W root of 16-inch elm tree. Copper plate in blaze on W side of tree is stamped TBM 8 V. Brass nail and copper washer. TBM 9 V. MGL. (USE 91)		167.14
AVENUE REVETMENT. 346.5 river mi below Cairo, Ill. Lat 34° 11' 49.56" (+1527 m), long 90° 55' 16.23" (+416 m). BM is on river side slope of levee at lower end of; 2,100 ft below LMP 41/42. Standard USED pipe and tile, stamped "BL Sta 86 Avenue." BM 86-00-74-00 D Avenue BL. MGL. (USE 91)	Cap	180.64
	Bolt	176.65
AVENUE REVETMENT. 347.2 river mi below Cairo, Ill. BM is in triangular blaze on lower side of gage tree; 4 ft above ground. USED as gage BM. Also see BM 120 (1919). Boat spike. BM 120 (1933). MGL. (USE 91)		176.27
BARTON. See Blackfoot. (MRC 138)		
BARTON. See Junction St Routes 1 and 20. (USE 58)		
BARTON. Station. (MP 243)		212.8

Name and description	Elev. ft.
BARTON. 150 ft NW of depot at; RR spike driven flush with notch cut in E root of 15-inch elm tree, called "5-A." MGL. (USE 65)	211.224
BARTON. About 0.5 mi N of; 230 ft S of junction of St Routes 1 and 20; 200 ft SW of church; 170 ft S of rd culvert; 20 ft W of St Route 1. Brass cap on iron pipe set in concrete and stamped "USED M-14-1." MGL. (USE 65)	209.072
BARTON. About 0.5 mi N of; at junction of St Routes 1 and 20; about 200 ft SW of church; in churchyard; about 200 ft S of St Route 20; copper nail and washer in N root of 48-inch oak tree. MGL. (USE 65)	213.347
BARTON. About 0.5 mi E of; at Barton Crossing; cross cut on SW cor of concrete base of water column, called "6-A." MGL. (USE 65)	192.362
BARTON. 1.5 mi W of along MP RR track; 500 ft W of N and S field crossing track; near MP milepost 13-10, Copper nail and washer in N root of 12-inch elm tree, called "4-A." MGL. (USE 65)	198.192
BARTON. About 2 mi N of; on St Route 1; about 1,000 ft S of crossroads; 400 ft S of intersecting rd leading E; in barn lot of gray house; about 300 ft E of hwy. Copper nail and washer in W root of 36-inch black gum tree. MGL. (USE 65)	217.091
BARTON. About 2.75 mi E of along MP RR; about 0.4 mi W of Col. Moore's flag stop; 30 ft N of RR; about 300 ft S of two-story white house. Copper nail and washer in N root of 48-inch oak tree, called "7-A." MGL. (USE 58)	209.19
BARTON. 3 mi W of along MP RR; 100 ft N of track; across track from D. G. Walker's place; 30 ft W of N and S rd. Copper nail and washer in S root of 24-inch oak tree, called "3-A." MGL. (USE 65)	192.998
BLACKFOOT. Est. (MRC 138)	211.
BROLIN. Est. (AGS 300)	163.
CATRON SPUR. Station. (MP 243)	168.7
CHEEK LANDING. 350.2 river mi below Cairo, Ill. TBM is at; on upper side of chute; 800 ft above timber point; 300 ft above house on upper side	

Name and description		Elev. ft.
of chute and 200 ft back of top bank, in side of 10-inch leaning cottonwood tree. Brass nail and copper washer. TBM 52. MGL. (USE 91)		177.64
CHEEKS. Station. (MP 243)		165.
CHUTE OF ISLAND 66. Across river from mouth of; 0.75 mi from river bank; 1,000 ft S of E and W levee; 500 ft below levee milestone 20/21; 490 ft E of junction of old and new levees; back where old levee makes a semi-circle back of old Malone Landing to Lake Charles Landing; on N bank of small slough. Brass cap on iron pipe set on concrete tile and called "PBM 38/a." MGL. (USE 63)	Cap	159.892
	Bolt	155.936
CHUTE OF ISLAND 66. 1 mi below mouth of; 400 ft W of house; 330 ft above point opposite rt angle in levee back of Lake Charles Landing, Miss, 50 ft from top of bank. Brass cap on iron pipe surmounted on stone post, called "BM Mohawk." MGL. (USE 63)	Cap	168.260
	Stone	164.260
CHUTE OF ISLAND 66. 1.5 mi above head of; 1 mi above Cheek Landing; 0.5 mi NW of Chute of Island 66 in deep western bend; 0.5 mi from river bank; 20 ft S of rd; on ridge running parallel with field; at S side of long narrow field that extends nearly out to river bank. Brass cap on iron pipe set on concrete tile, called "BM 36/d." MGL. (USE 63)	Cap	167.800
	Bolt	163.840
CLAY. Station. (MP 243)		165.
COLMAN. Est. (MRC 143)		165.
COOLIDGE. Station. (MP 243)		182.0
COUNTISS. Est. (MRC 143)		161.
CYPERT. Est. (MRC 143)		174.
DAWSON. 1.5 mi E of; about 0.25 mi above and back of Dawson Landing; 1,850 ft in front of levee; 950 ft back of rt bank; 15 ft back of wagon rd leading from landing up along old bank of river just beyond long narrow field NW of rd; opposite Jackson Point. Brass cap on iron pipe set on		

Name and description		Elev. ft.
concrete tile and called "BM 33/d." MGL. (USE 63)	Cap	172.440
	Bolt	168.480
DAWSON. 2 mi below; opposite W side of Jackson Point; 325 ft above rd; 325 ft back of levee; 190 ft back of store building; on S bank of slough running back from levee; N side of E and W fence said to be ¼ sec line. Brass cap on iron pipe set on concrete tile, called "BM 34/d." MGL. (USE 63)	Cap	165.940
	Bolt	161.980
DAWSON. 345.0 river mi below Cairo, Ill. BM is spike in triangular blaze on same tree as Sec A of gage. Elev. 40.83 ft above zero of gage. BM Pecan. MGL. (USE 91)		169.17
DAWSON LANDING. 345.0 river mi below Cairo, Ill. BM is top of head of RR spike driven horizontally in river face of gage tree, 3 ft above ground. This BM should be connected with from BM 33/d at next inspection. BM Wrong. MGL. (USE 91)		175.76
DAWSON LANDING. 343.5 river mi below Cairo, Ill. Lat 34° 14' 35.57" (+1096 m), long 90° 55' 54.47" (+1394 m). BM is about 1.25 mi below; Sta 114+00 U of Avenue Revetment Base Line. Standard USED pipe and tile. MGL. (USE 91)		170.51
EDGEWOOD. At; about 2.7 mi SE along M&NA RR from station at Rondo, Lee Co, at pole 343-00, 57 ft W of c/l of Co rd, and 44 ft SW of track. Standard disk, stamped "B 15 1932" and set in top of concrete post. MSL. (USC&GS 17)		218.510
ELAINE. Station. (MP 243)		172.5
ELAINE. In town of; 550 ft N of depot; 460 ft N of Main Street; 100 ft SE of water tank; 70 ft W of center of MP RR; 35 ft E of c/l of Hwy 44. Brass cap on iron pipe set on concrete tile and stamped "USED M-15-14." MGL. (USE 67)		166.710
ELAINE. 1.75 mi W of; at curve in rd; center of N headwall of concrete culvert. A chiseled square. MGL. (USE 67)		163.190
ELAINE. 2.75 mi E of; wooden hwy bridge; square		

Name and description	Elev. ft.
cut on top of S floor of guard rail; in center of square cut; 60 penny nail. MGL. (USE 67)	166.120
ELAINE. 3.5 mi NW of; 900 ft W of SE cor of SW¼ sec 21, T4S-R2E; 860 ft W of dirt rd to N; 200 ft E of green tenant house with garage on E side; 3 ft N of N edge of pavement. Brass cap on iron pipe set on concrete tile and stamped "USED M-15-15." MGL. (USE 67)	161.050
ELAINE. See Island 62. (USE 91)	
ELAINE. See Island 63. (USE 91)	
ELAINE. See Oldtown. (USE 91)	
EWA SPUR. Station. (MP 243)	174.0
FAIR. Est. (MRC 143)	170.
FAIR LANDING. 336.2 river mi below Cairo, Ill. BM is 60 penny spike in lower root of 3-ft elm, 25 ft back of sec A of gage. Elev 39.76 ft above zero of gage. BM Spike. MGL. (USE 91)	172.16
FAIR LANDING. 336.5 river mi below Cairo, Ill. Lat 34° 16' 19.93" (+614 m), long 90° 50' 06.03" (+154 m). On rt bank of Mississippi River; about 2,624 ft back of; about 3 mi below Modoc, 2 mi above a point opposite Rescue Landing; 561 ft NW of levee at point 984 ft above rd crossing at North's Mill; on bank of yellow bank of Mill Bayou; in barnyard. Standard MRC pipe and tile. MRC published elev and position used. Included in 1934 adjustment. BM Fair (MRC). MGL. (USE 91)	Cap 172.71 Base 168.73
References. Cor of barn S 38° 43' W (true bearing 49 ft); cor of barn N 80° 47' W (true bearing, 44 ft). MGL. (USE 91)	
FAIR LANDING. 336.0 river mi below Cairo, Ill. Lat 34° 16' 23.28" (+717 m), long 90° 49' 45.52" (+1164 m). BM is 2,000 ft above; 650 ft in front of levee at a point opposite BM Fair. BM is standard USED pipe and tile. BM 152-00 Offset Fair Landing BL. (USE). MGL. (USE 91)	Cap 177.04 Base 173.06

Name and description		Elev. ft.
FAIR LANDING. 336.8 river mi below Cairo, Ill. Lat 34° 15' 36.77" (+1133 m), long 90° 50' 12.75" (+326 m). BM is in c/l of levee; about 4,000 ft below BM Fair; 3,200 ft below ramp at; 535 ft back of top bank of lower end of Fair Landing Revetment; in a prominent angle, 600 ft above spur levee. BM is standard USED pipe and tile. BM 100-00 Fair Landing BL (USE). MGL. (USE 91)	Cap	194.26
	Base	190.27
FAIR LANDING. 335.2 river mi below Cairo, Ill. Lat 34° 17' 08.18" (+252 m), long 90° 49' 10.58" (+271 m). BM is about 1.75 mi above; 200 ft above upper end of revetment, about 1,100 ft in front of levee milepost 29/30. BM is standard USED pipe and tile. BM 206+00 Fair Landing BL (USE). MGL. (USE 91)	Cap	175.02
	Base	171.02
FAIR LANDING. 1.25 mi below; 0.75 mi above a point opposite Rescue Landing; 2,800 ft in front of levee 1,250 ft from river bank; 325 ft back of NW cor of small cottonwood trees. Brass cap on iron pipe surmounted on stone post and called "BM 32/4." MGL. (USE 67)	Top of stone	171.540
	Cap	175.540
FAIR LANDING. 334.2 river mi below Cairo, Ill. Lat 34° 17' 46.32" (+1427 m), long 90° 48' 01.66" (+42 m). BM is about 2.5 mi above; 470 ft back of top bank; standard USED pipe and tile. BM 276+00 Fair Landing BL (USE). MGL. (USE 91)	Cap	175.17
	Base	171.18
FERGUSON. See Island 68. (USE 92)		
FERGUSON. See Zenor Towhead. (USE 92)		
FERGUSON. Station. (MP 243)		163.8
FERGUSON. 3,300 ft E of RR depot; 2,200 ft above pecan timber; 1,000 ft back of river bank; 950 ft above store at Laposa; at N end of grave yard; back of cultivated field; on land of Ferguson and Company; back of Zenor or Jug Harris Towhead; back of rd; brass cap on iron pipe set on concrete tile and called "BM Gage 118." MGL. (USE 63)	Cap	165.150
	Bolt	161.160
FERGUSON. 363.9 river mi below Cairo, Ill. In town of; a 2-inch square cut on NW cor of E con-		

Name and description	Elev. ft.
crete bridge abutment; 40 ft NW of P.O. and store. TBM 4-C. MGL. (USE 92)	160.91
FERGUSON. 362.9 river mi below Cairo, Ill. 1.75 mi N of; a brass nail and copper washer in E root of 24-inch willow tree; 75 ft S of intersection of field rd with concrete hwy; 20 ft W of c/l of hwy. TBM 1-C. MGL. (USE 92)	157.39
FERGUSON. 363.1 river mi below Cairo, Ill. 1.5 mi N of; a brass nail and copper washer; in SE root of 24-inch cottonwood tree; on W side of St Hwy 85; in borrow pits; 25 ft E of c/l of hwy. TBM 2-C. MGL. (USE 92)	158.08
FERGUSON. 363.5 river mi below Cairo, Ill. 0.5 mi N of; 2-inch square cut on E abutment of concrete bridge on St Hwy 85; on inside shelf 2½-ft from N end. TBM 3-C. MGL. (USE 92)	161.07
FERGUSON. 364.3 river mi below Cairo, Ill. 1.1 mi S of; 2-inch square cut on shelf of W concrete bridge abutment; 3½ ft from N end; on St Hwy 85. TBM 5-C. MGL. (USE 92)	158.93
FERGUSON. 365.0 river mi below Cairo, Ill. 1.25 mi S of; along St Hwy 85; a brass nail and copper washer in W root of 10-inch elm tree; 1,000 ft N of end of concrete; 45 ft E of c/l of hwy. TBM-6-C. MGL. (USE 92)	157.02
FERGUSON. 365.2 river mi below Cairo, Ill. 2.5 mi S of; brass nail and copper washer; in top of wing pile; on S end of E side of first wooden bridge S of end of concrete on St Hwy 85. TBM 7-C. MGL. (USE 92)	157.72
FERGUSON. 365.4 river mi below Cairo, Ill. 3 mi S of; concrete post with copper bolt in top; on W side of MP RR; 12 ft W of c/l of track. Copper plate set in side of post is marked, RR MP BM 365+00. 8798+67. MGL. (USE 92)	163.02
FITZHUGH LANDING. 1 mi directly back and 0.5 mi N of; 325 ft back of levee; back of lower angle in offset in levee; back of Hubbard Lake; in yard of Fitzhugh Plantation; near fence between cotton field and yard. Brass cap on pipe set on concrete tile and called "BM Fitzhugh". MGL. (USE 42)	
Cap on pipe	183.600
Bolt in tile	179.59

Name and description		Elev. ft.
FITZHUGH LANDING. 313.0 river mi below Cairo, Ill. Position unknown. on rt bank; about 5 mi below Helena; 5,000 ft E of levee milepost 7/8; 760 ft back of river bank; 30 ft W of E edge of ridge; 10 ft W of log rd; in woods just below; opposite head of sand bar on head of Montezuma Towhead. Standard USED tile and pipe. Cap is stamped BM Damfino. MGL. (USE 91)	Cap	186.23
	Base	182.25
References. 30-inch sycamore tree W 35 ft; 12-inch gum tree E 22 ft. MGL. (USE 91)		
FITZHUGH LANDING. 313.0 river mi below Cairo, Ill. Position not known. Mark is 270 ft due E of BM Damfino. See description of BM Damfino. Standard USED pipe and tile. BM Paddy. MGL. (USE 91)	Cap	185.46
	Base	181.46
References. 20-inch cottonwood tree 22 ft NW; 16-inch maple tree 20 ft SW; 30-inch sycamore tree 70 ft E. MGL. (USE 91)		
GENERAL PILLOW LIGHT. 312.2 river mi below Cairo, Ill. TBM is iron bolt in sycamore stump; in cut traverse line close to; about 250 ft W of bank; about 1,800 ft N of Fitzhugh Landing. TBM No. 9. MGL. (USE 91)		180.89
References. Blazed trees: 12-inch red bud tree; 18-inch locust tree. MGL. (USE 91)		
GENERAL PILLOW LIGHT. 312.5 river mi below Cairo, Ill. TBM is about 0.75 mi back of levee; 350 ft S of old dry slough; at W edge of rd, 350 ft S of old turn of rd up S side of dry slough; 20 ft SW of BM 24/4. Copper nail and washer on 6-inch hackberry tree; copper plate stamped "TBM 18-T." MGL. (USE 91)		183.54
GENERAL PILLOW LIGHT. 312.5 river mi below Cairo, Ill. TBM is on W root of 24-inch locust tree; about 700 ft riverside of toe of levee; about 0.5 mi below LMP 7/8; about 40 ft back of borrow pit; directly opposite ramp over levee; copper nail and washer. Copper plate stamped "TBM 17-T" in triangular blaze on W side of tree. MGL. (USE 91)		177.46
GENERAL PILLOW LIGHT. 313.0 river mi below Cairo,		

Name and description	Elev. ft.
Ill. TBM is on iron bolt on fresh cut stump; on N side of slough; on base line cut from cabin at river bank; about 1,600 ft N of cabin, and about 300 ft from river bank. TBM No. 10. MGL. (USE 91)	180.73
HARBIS. Station. (MP 243)	179.4
HANSELMAN. Est. (MRC 138)	205.
HELENA. See Fitzhugh Landing. (USE 91)	
HELENA. See General Pillow Light. (USE 91)	
HELENA. See Montezuma Towhead. (USE 91)	
HELENA. See Mouth of St. Francis River. (USE 58)	
HELENA. See Prairie Point. (USE 90)	
HELENA. See Prairie Point Base Line. (USE 90)	
HELENA. See Prairie Point Dike. (USE 90)	
HELENA. See Prairie Point Towhead. (USE 90)	
HELENA. See St. Francis Bend. (USE 90)	
HELENA. See St. Francis Landing. (USE 90)	
HELENA. See Stumpy Point. (USE 90)	
HELENA. Station. (M&NA 250)	196.0
HELENA. Station. (MP 243)	192.7
HELENA. At intersection of Perry and Oakland Streets, and on S side of Perry Street. Top of E spout of fire hydrant. 37 (ASHC). MSL. (USC&GS 17)	204.242
HELENA. In front or W wall of M&NA RR Station, at SE cor of Cherry and Elm Streets, about 12½ ft S of S edge of door to white waiting room, and 5 ft above platform. Standard disk, stamped "V 14 1932" and set vertically. MSL. (USC&GS 17)	195.728
MGL. (USE 58)	195.785
HELENA. At SE cor of Cherry and Perry Streets, in NW cor of Co courthouse yard, 23 ft S of S curb of Perry Street, 23 ft E of E curb of Cherry	

Name and description	Elev. ft.
Street, and 5 ft NW of NW cor of courthouse. Standard disk, stamped "W 14 1932" and set in top of concrete post. MSL. (USC&GS 17)	189.557
MGL. (USE 58)	189.607
HELENA. 307.1 river mi below Cairo, Ill. Lat 34° 31' 33.57" (+1034 m), long 90° 35' 04.71" (+120 m). BM is set in top of Illinois Central RR concrete seawall at; 1½ ft E of c/l at S end. BM is standard USED 4-inch cap. BM Beck (USE). MGL. (USE 90)	208.31
HELENA. 307.1 river mi below Cairo, Ill. Lat 34° 31' 20.79" (+641 m), long 90° 35' 07.56" (+193 m). BM is set in top of wing wall, 20 ft from uppermost angle in wall at foot of Missouri Street. BM is a standard USED 4-inch brass cap set in wall. BM Seawall #1 Helena (USE). MGL. (USE 90)	208.06
MSL. (USC&GS 17)	208.130
HELENA. 307.2 river mi below Cairo, Ill. BM is set in landside face of wall; 5 ft below top of wall and 3 ft N of angle; at S end of Municipal River Terminal. BM is a standard USED 4-inch brass cap set in wall. BM Seawall #2 Helena (USE). MGL. (USE 90)	203.20
MSL. (USC&GS 17)	203.267
HELENA. 307.4 river mi below Cairo, Ill. Lat 34° 30' 52.05" (+1604 m), long 90° 35' 13.06" (+333 m). BM is standard USED 4-inch brass cap set in wall. BM Seawall #3 Helena (USE). MGL. (USE 90)	207.85
MSL. (USC&GS 17)	207.923
HELENA. 307.1 river mi below Cairo, Ill. Lat 34° 31' 32.93" (+1015 m), long 90° 35' 06.34" (+162 m). BM is in; at SW cor of York and Ohio Streets; 33 ft back of base of levee; 10 ft S of building line of York Street; 7 ft E of building line of Ohio Street, 25.5 ft W of W rail of spur track; 19 ft S of S curb of York Street; 2 ft W of prolongation from N of W curb of Ohio Street. Cap is flush with ground. BM is standard MRC pipe and tile. MRC elev changed in 1934 adjustment; MRC published elev was cap 190.45; bolt in tile 186.47. This BM is used as gage BM and cap on pipe is now 48.44 ft above zero of gage. BM Helena (1909). (MRC). MGL. (USE 90) Cap	190.25
Base	186.27

Name and description		Elev. ft.
	MGL. (USE 58) Cap	190.369
	Bolt	186.389
	MSL. (USC&GS 17) Cap	190.315

HELENA. 307.1 river mi below Cairo, Ill. Position not known. BM is a square cut on iron sill or footplate of show window of building known as Horner Block; on rt bank of Mississippi River in; on NW cor of Cherry and Rightor Streets; 2½ inches E from cement footing of building; on S end of S projecting show window on Rightor Street; just E of PBM Helena II; 8 ft W of cor of building. PBM Auxiliary (MRC). MGL. (USE 90) 189.063

HELENA. 307.1 river mi below Cairo, Ill. Position not known. BM is in; on SE cor of Cherry and York Streets; on building formerly occupied by Savings Bank and Trust Company, and is under surface of extreme E end of sill of lower E window on York Street side of building. MRC elev changed in 1934 adjustment. MRC published elev was cap 198.21. This BM used as gage BM and is now 56.20 ft above zero of gage. BM W-1901 MRC.

MGL. (USE 90)		198.01
	MSL. (USC&GS 17)	198.116

HELENA. 307.1 river mi below Cairo, Ill. TBM is 60 penny spike driven horizontally in triangular blaze on lower side of 20-inch cottonwood tree that supports sec B. This TBM used at inspections of Helena standard gage and is 36.54 ft above zero of gage. TBM Spike. MGL. (USE 90) 178.35

HELENA. 307.1 river mi below Cairo, Ill. Position not known. PBM is in; 58.2 ft SE of cor of M&NA RR station; at cor of Elm and Cherry Streets; on W slope of levee; 71 ft NW of MP RR milepost 0/0; 9.8 ft W of W rail or second track W of top of levee; 2½ ft N of prolongation of property line of Phillips Street. Connected by USC&GS but not used as gage BM. PBM is old LMP½ which is copper bolt leaded in top of 4 x 6 inch stone post 2 ft below ground. PBM Helena Gage (C&GS). MGL. (USE 90) 190.463

MSL. (USC&GS 17) 190.534

HELENA. 307.1 river mi below Cairo, Ill. Lat 34° 31' (+800 m), long 90° 55' (+165 m). Gage is in 7 vertical secs. Secs AA, 57-65 ft and A, 50-58 ft are on 4 x 6 inch posts on slope of levee back of Sec B. Sec B, 39 to 51 ft is on 20-inch cottonwood tree 30 ft from toe of new levee. Sec

Name and description	Elev. ft.
C, 24 to 40 ft and D, 15 to 27 ft and Sec E, 4 to 16 ft are on lone piles on slope of bank along side of RR transfer incline. Sec F, -4 to 8 ft is on clump of piles 100 ft below Sec E. BM Helena 1909 and TBM Spike are used at inspections. US Gage Helena. MGL. (USE 90)	
Zero of gage	141.81
HELENA. Milepost O-O MP RR. On MP RR about 120 ft SE of SE cor of M&NA RR station, at SE cor of Cherry and Elm Streets, on W slope of Mississippi River levee, and in top of concrete milepost. Copper bolt. MSL. (USC&GS 17)	197.352
HELENA. 307.2 river mi below Cairo, Ill. Lat 34° 31' 18.17" (+560 m), long 90° 35' 07.10" (+181 m). BM is in; on water front directly E of MP RR station; 60 ft E of a point 30 ft S of gage in seawall. BM is standard USED 4-inch pipe and tile. BM 98+00 Old Helena BL (USE). MGL. (USE 90)	184.64
MSL. (USC&GS 17)	184.714
HELENA. W edge of, on St Route 20; 200 ft E of sign "Helena"; facing side of sign marked "West Helena 4 Mi"; on S side of St Route 20. Copper nail and washer in S root of 10-inch maple tree. MGL. (USE 58)	298.989
HELENA. 307.1 river mi below Cairo, Ill. Lat 34° 31' 25.70" (+792 m), long 90° 35' 09.94 (+254 m). Azimuth from MP½ to BM½ 85° 57' distance 189.1 ft. Reference ½ elev 189.51. Azimuth from BM½ to Reference ½ 355° 56' 20", distance 325.6 ft. BM and Reference are standard levee BM's. BM½ WRLD (USE). MGL. (USE 90)	190.43
HELENA. 307.9 river mi below Cairo, Ill. Lat 34° 30' 37.83" (+1166 m), long 90° 35' 19.32" (+493 m). Azimuth from MP 2/3 to BM 2/3 109° 50' distance 121.7 ft. Reference 2/3 elev 184.34. Azimuth from BM 2/3 199° 49' 50" distance 498.9 ft. BM and Reference are standard levee BM's. BM 2/3 WRLD (USE). MGL. (USE 90)	185.28
HELENA. 308.0 river mi below Cairo, Ill. TBM is copper nail and washer in ledge cut in one of a group of three cottonwood trees on N side of bayou, 150 ft W of river bank. TBM No. 2. MGL. (USE 91)	188.34
HELENA. 308.1 river mi below Cairo, Ill. TBM is	

Name and description	Elev. ft.
copper nail and washer on stump on river bank, about 0.5 mi S of BM N Base; 300 ft S of first house N of bayou and about 800 ft N of first bayou S of elevator. TBM No. 1. MGL. (USE 91)	184.65
HELENA. 308.9 river mi below Cairo, Ill. Lat 34° 29' 53.83" (±1659 m), long 90° 35' 51.38" (±1311 m). Azimuth from MP 3/4 to BM 3/4 102° 35', distance 183.7 ft. Reference BM 3/4. Elev 173. 37. Azimuth from BM 3/4 to reference 3/4 192° 35' 10", distance 526.5 ft. BM and reference are standard levee BM's. BM 3/4 WRLD (USE). MGL. (USE 91)	176.32
HELENA. 309.0 river mi below Cairo, Ill. TBM is copper nail and washer on base of small willow tree on N side of second slough below grain elevator. TBM No. 3. MGL. (USE 91)	184.18
HELENA. 309.7 river mi below Cairo, Ill. Lat 34° 29' 02.66" (±82 m), long 90° 36' 04.55" (±116 m). Azimuth from MP 4/5 to BM 4/5 102° 17', distance 169.4 ft. Reference BM 4/5. Elev 175.80. Azimuth from BM 4/5 to reference 4/5 192° 16' 50", distance 562.1 ft. BM and reference are standard levee BM's. BM 4/5 WRLD (USE). MGL. (USE 91)	178.19
HELENA. 310.0 river mi below Cairo, Ill. TBM is copper nail and washer in base of large cottonwood tree; 50 ft N of old ferry landing; about 0.5 mi S of light 349; about 2 mi S of BM N Base; 60 ft from river bank. TBM No. 4. MGL. (USE 91)	184.92
HELENA. 311.0 river mi below Cairo, Ill. TBM is copper nail and washer in square cut in bent locust tree near wood rd parallel to river; about 400 ft from Williamson Light; about 0.25 mi N of edge of field; about 1 mi S of BM Piper; about 2.5 mi S of BM N Base. TBM No. 6. MGL. (USE 91)	185.18
HELENA. 311.2 river mi below Cairo, Ill. TBM is spike in E side of small cottonwood tree; 5 ft from wood rd to river; in small thicket; about 400 ft along pond N of BM Jamie. TBM No. 7. MGL. (USE 91)	187.47
HELENA. 311.5 river mi below Cairo, Ill. TBM is iron spike in base of large tree; on W side of wood rd; running close to river from BM Jamie S;	

Name and description		Elev. ft.
about 0.25 mi N of General Pillow Light. TBM No. 8. MGL. (USE 91)		184.85
HELENA. 305.0 river mi below Cairo, Ill. Lat 34° 33' 01.36" (+42 m), long 90° 35' 25.51" (+599 m). Azimuth from MP½ N 13° 38' distance 192.4 ft. Reference ½ N elev 185.74. Azimuth from BM½ N to reference ½ N 283° 37' 10" distance 368.7 ft. BM and reference are standard levee BM's. BM½ N WRLD (USE). MGL. (USE 90)		209.99
HELENA. About 1 mi N of intersection of McDonough Street and Big Springs rd; about 1,100 ft above point where levee jams hills and crosses Big Springs rd to Marianna. 120 ft W of rd on small ridge at foot of hills; 40 ft S of small brook in field; 100 ft N of negro cabin. Brass cap on iron pipe set on concrete tile, stamped "USED R 85.4-6." MGL. (USE 58)	Cap Bolt	195.774 191.816
HELENA. 305.0 river mi below Cairo, Ill. Lat 34° 33' 14.01" (+432 m), long 90° 35' 22.94" (+585 m). BM is about 1 mi N of; about 1,100 ft intersection of Big Springs rd and levee; about 150 ft W of main rd; about 50 ft N of cabin and 100 ft S of small drain. BM is standard USED 4-inch pipe and tile. Witness pipe 120° 180 ft. BM R 85.4-6. (USE). MGL. (USE 90)	Cap Base	195.77 191.81
HELENA. 306.0 river mi below Cairo, Ill. Lat 34° 32' 14.83" (+457 m), long 90° 35' 05.75" (+147 m). Azimuth from MP 0/0 to BM 37° 22' distance 361.5 ft. Reference to BM 0/0 178° 42" 10" distance 270.5 ft. BM and reference are standard levee BM's. BM 0/0. WRLD (USE). MGL. (USE 90)		184.90
HELENA. 308.2 river mi below Cairo, Ill. Lat 34° 30' 25.88" (+798 m), long 90° 35' 16.92" (+432 m). PBM is about 0.75 mi S of main part of; 200 ft W of large cottonwood tree; 100 ft N of ditch to levee pits; 400 ft S of rd on levee traverse to ramp leading to; BM is marked by 1 x 8 inch iron slab protruding from ground. PBM is square stone post. This mark was formerly PBM N Base (MRC). MRC published elev was 186.033. Changed in 1934 adjustment. BM N Base (C&GS). MGL. (USE 90)		185.88
	MSL. (USC&GS 17)	185.951

Name and description		Elev. ft.
References. Sta 146+00 Helena BL. Azimuth 193° 49' distance 582.2 ft. MGL. (USE 90)		
HELENA. 309.2 river mi below Cairo, Ill. Lat 34° 29' 30.97" (+954 m), long 90° 35' 43.80" (+1118 m). BM is on rt bank of Mississippi River; 1.5 mi below southern limits of; in cultivated field; on line with and between two large pecan trees; 1,000 ft back of 1933 top bank of Mississippi River; 0.25 mi below small slough; 800 ft inside (landward) of old levee; 550 ft outside (riverward) of main levee and 150 ft W of farm rd. USED standard pipe and tile. Cap is stamped BM Cyril. MGL. (USE 91)	Cap	181.45
	Base	177.46
References. 38-inch pecan tree 26 ft SW; 38-inch pecan 730 ft NE. MGL. (USE 91)		
HELENA. 310.0 river mi below Cairo, Ill. Lat 34° 28' 45.17" (+1392 m), long 90° 35' 36.56" (+933 m). BM is on rt bank; 2.5 mi below southern limits of; between Long Lake and river; 300 ft back from top bank; 60 ft E of log rd and about 400 ft E of BM Gerald. USED standard pipe and tile. Cap is stamped BM Piper. MGL. (USE 91)	Cap	190.25
	Base	186.27
References. 18-inch cottonwood tree 65 ft SW; 20-inch cottonwood tree 90 ft NW. MGL. (USE 91)		
HELENA. 310.0 river mi below Cairo, Ill. Lat 34° 28' 44.57" (+1373 m), long 90° 35' 41.29" (+1054 m). BM is on rt bank; 2.5 mi below southern limits of; between Long Lake and river in woods; 700 ft back of top bank; 400 ft W of BM Piper. USED standard pipe and tile. Cap is stamped BM Piper. BM Gerald. MGL. (USE 91)	Cap	182.39
	Base	178.43
References. 20-inch cottonwood tree 15 ft N; 15-inch willow tree 40 ft W; 14-inch cottonwood tree 70 ft E. MGL. (USE 91)		
HELENA. 3.5 mi below; 3,250 ft W of river bank, at point just below lower end of Long Lake; 1,750 ft back of old levee; 2,250 ft above junction of old and main levees; in field on land of Solomon and Moore. Stone post, called		

Name and description		Elev. ft.
BM 23/4. Top of stone. MGL. (USE 42)		179.14
HELENA. 299.3 river mi below Cairo, Ill. BM is about 4 mi N of intersection of McDonough Street and Big Creek rd, on W side, 30 ft from c/l; 600 ft N 30° W of bridge over Storm Creek; in pasture on land leased by Wells Brothers. Position of this mark not considered of third order accuracy. It should be connected for position. USED tile and pipe, stamped R 85.4-5. MGL. (USE 90)	Cap	190.11
	Base	186.16
HELENA. 310.4 river mi below Cairo, Ill. TBM is copper nail and washer in square in stump of tree close to wood rd; 1,000 ft S of slough; 250 ft W of river; approximately 4/10 mi S of BM Piper. TBM No. 5. MGL. (USE 91)		184.60
HELENA. 311.2 river mi below Cairo, Ill. Lat 34° 27' 35.42" (±1091 m), long 90° 35' 24.76" (±632 m). BM is on rt bank; approximately 4 mi below; 0.25 mi below Williamson Landing; 600 ft back from river; 50 ft S of intersection of old rds; in SW cor of old field; beside small field rd. Standard USED tile and pipe. Cap is stamped BM Jamie 1933. MGL. (USE 91)	Cap	186.55
	Base	182.56
References. 18-inch double sycamore tree 50 ft N; 12-inch elm tree 50 ft NW; 12-inch cottonwood tree 55 ft SE. MGL. (USE 91)		
HELENA. 312.0 river mi below Cairo, Ill. Lat 34° 26' 55.25" (±1702 m), long 90° 36' 08.12" (±207 m). BM is on rt bank; about 4.25 mi below; about 2,000 ft above levee milepost 6/7; 1,500 ft back of old barn on Fitzhugh place; 13 ft S of E and W rd; 13 ft N of small tenant house; 2 ft N of fence. Top of pipe is 12 inches above ground. Standard USED tile and pipe. Cap is stamped, Fitzhugh No. 2, 1934. MGL. (USE 91)	Cap	182.124
	Base	178.155
HELENA. About 7.5 mi N of intersection of McDonough Street and Big Creek rd in; 1,500 ft from rt bank of St. Francis River; on rt bank of and 100 ft S of distillery branch; 125 ft from bridge across branch; about 40 ft W of Big Creek rd; 0.25 mi S of Lee and Phillips Co lines. Brass cap on iron pipe on concrete tile and stamped USED R 85.4-4. MGL. (USE 58)	Cap	191.176
	Bolt	187.215

Name and description	Elev. ft.
HELENA CROSSING. Est. (MRC 132)	250.
HELENA CROSSING. 30 ft N of St Route 20; 5 ft SE of Franklin Crossing store. Cross cut on W side of water meter, called 67-L. MGL. (USE 58)	200.95
HELENA CROSSING. About 2.5 mi NW of on Clarendon branch of MP RR; 12 ft N of c/l of track. Top of 8 x 8 inch concrete milepost stamped MP 5+00, about 3 ft above ground, called 66-L. MGL. (USE 58)	193.66
HELENA CROSSING. About 3.5 mi NW of, on Clarendon branch of MP RR; 0.3 mi E of Coolidge flag stop; 300 ft S of white house and barn; 50 ft S of RR. Copper nail and washer in N root of 40-inch oak tree, called 64-L. MGL. (USE 58)	188.51
HELENA CROSSING. About 4.5 mi NW of MP RR; at abandoned Helena Southwestern RR Junction; 70 ft E of E end of bridge over drainage ditch; on pedestal supporting derail connection; first pedestal 8 ft E of point of switch and 8 ft N of track. Cross cut in SE cor of concrete pedestal. MGL. (USE 58)	182.77
HELENA SOUTHWESTERN JUNCTION. Est. (MRC 132)	250.
HICKS. Station. (MP 243)	182.9
HODGES. Est. (MRC 143)	165.
HOOP. Station. (MP 243)	171.0
HUGO. Station. (MP 243)	177.8
HUMA. Station. (MP 243)	191.3
HUMA. Est. (MRC 132)	187.
IMHOFF SPUR. Station. (MP 243)	175.6
ISLAND 62. 329.3 river mi below Cairo, Ill. Lat 34° 19' 04.08" (±126 m), long 90° 44' 55.34" (±1415 m). BM 55-1 is directly across river; in first field below Oldtown Revetment; 800 ft back of house on rd to river bank; in neck of field and back in woods about 5 ft; 1,220 ft back of main bank at head of island; 10 ft above c/l of farm rd leading back from river bank on upper side of field. Standard MRC tile and pipe.	

Name and description		Elev. ft.
	MGL. (USE 91) Cap	182.18
	Base	178.24

References. 12-inch sycamore tree 66° 08' - 422 ft; 12-inch pecan tree 79° 38' - 500 ft; 12-inch pecan tree 63° 31' - 530 ft; 8-inch sweet gum tree (TBM 33) N 25 ft. MGL. (USE 91)

ISLAND 62. 329.5 river mi below Cairo, Ill. Lat 34° 18' 45.4" (+1398 m), long 90° 45' 07.1" (+202 m). BM 29/4 is stone post on rt bank of Mississippi River, on upper part of island; in timber about 2,297 ft W of river bank; about 2,297 ft S of bank of chute at upper end of island; 2,132 ft E of bank of chute of island; about 656 ft SE of edge of timber and cotton field; 98 ft W of deep slough, surrounding trees are blazed; top of stone was 12 inches above ground. Not connected with in 1907-08. MRC published elev and position used, as not included in 1934 adjustment. MGL. (USE 91) 173.3

ISLAND 62. 330.0 river mi below Cairo, Ill Lat 34° 18' 25.68" (+791 m), long 90° 44' 50.02" (+1279 m). PBM 29/c is on upper E part of island; 0.75 mi below head; 33 ft from top of bank, back of bar; on inner side of fence; 98 ft below cabin occupied and owned by Dr. Potts (colored); in cor of field; on Pott's plantation; on back side of rd leading down from Houston Landing; 330 ft below edge of cultivated field. Standard MRC tile and pipe. Reported covered in 1932. MRC published elev and position used, as not included in 1934 adjustment. MGL. (USE 91)

Cap	180.934
Base	176.952

References. 12-inch pecan tree 110° 37 ft; 8-inch pecan tree 220° 50 ft; 18-inch sycamore tree 270° 25 ft; 10-inch pecan tree 340° 38 ft. MGL. (USE 91)

ISLAND 62. 330.0 river mi below Cairo, Ill. In E root of 12-inch pecan tree with copper plate stamped "TBM 31" and nailed in triangular blaze; 25 ft back of top bank behind old chute on island; 0.25 mi up river along old rd from deserted farmhouse. Brass nail and copper washer. MGL. (USE 91) 182.39

ISLAND 62. 330.0 river mi below Cairo, Ill. TBM 32 is in root of 12-inch cottonwood tree, on upper

Name and description		Elev. ft.
part of island; 50 ft back of top of bank; 150 ft above fisherman's camp; 600 ft down river from point across river from Dike 3 of island 63 dikes; approximately 0.25 mi SE of BM 55-31; on E edge of rd along river bank at Houston Landing; 400 ft below river end of narrow field. Brass nail and copper washer. MGL. (USE 91)		185.78
ISLAND 62. 331.0 river mi below Cairo, Ill. PBM Decker is on lower E part of island; about 4,265 ft above foot of island; on old Decker plantation; on ridge, on NW side of rd leading along old bank of island down river to Modoc; 66 ft above cotton shed at fence. This BM was out as a reference mark to triangulation sta. Standard MRC pipe and tile. MRC published elev and position used as it was found to be correct in 1934 adjustment. MGL. (USE 91)	Cap	178.411
	Base	174.406
ISLAND 62. 331.0 river mi below Cairo, Ill. TBM 30 is on island, on S edge of rd along S edge of open field; about 0.75 mi back of river bank; in root of 10-inch sycamore tree with copper plate in triangular blaze. Brass nail and copper washer. MGL. (USE 91)		177.10
References. S 1° 30' W - 30 ft from BM Decker. MGL. (USE 91)		
ISIAND 62. 332.0 river mi below Cairo, Ill. Lat 34° 18' 11.42" (+352 m), long 90° 45' 20.55" (+526 m). Stone post on rt bank of Mississippi River; on lower E part of island; about 4,265 ft above foot of island; about 1,214 ft below building in upper end of field; about 394 ft NW of rd along old river bank of island; back of bar and willows; in field on Decker plantation. Top of stone is about 2 ft below ground with no surface marks and is witnessed by PBM Decker which is set at side of field. MRC published elev and position used. Not included in 1934 adjustment. MGL. (USE 91)		175.01
References. PBM Decker 353° 26' 01" 349.7 ft. MGL. (USE 91)		
ISIAND 62. 332.3 river mi below Cairo, Ill. Lat 34° 17' 27.01" (+832 m), long 90° 45' 30.63" (+783 m). On rt bank of Mississippi River on island bar; about 0.5 mi below and opposite toe of island 63; on high bar, in edge of small		

Name and description		Elev. ft.
willows; about opposite Burks Landing; about 0.75 mi S of PBM Decker. Standard USED pipe and slab stamped Id 62 Bar. MGL. (USE 91)	Cap	167.94
	Base	163.97
ISLAND 63. 329.0 river mi below Cairo, Ill. TBM 34 is in W root of 8-inch box elder tree; 150 ft back of top of river bank; on E edge of c/l through woods; 0.5 mi above and across river from Dike 1 of island dikes; 260 ft toward river from USED BM 54-A, 1934. Brass nail and copper washer. MGL. (USE 91)		182.31
ISLAND 63. 329.2 river mi below Cairo, Ill. TBM 33 is on E root of 10-inch sweet gum tree with copper plate stamped "TBM 33" nailed in triangular blazed; 25 ft N of USED BM 55-31; 0.25 mi back of river bank; 30 ft N of c/l of farm rd along upstream edge of field, on upper end of Island 62; brass nail and copper washer. MGL. (USE 91)		180.87
ISLAND 64. 338.5 river mi below Cairo, Ill. Lat 34° 15' 02.49" (+77 m), long 90° 50' 13.78" (+353 m). BM 32/4 is on rt bank of Mississippi River, on island; about 1.25 mi below Fair Landing; about 0.75 mi above point opposite Rescue Landing; about 2,952 ft in front of levee; about 1,312 ft from river bank; in woods 574 ft back of NW cor of small cottonwood trees. Stone post surmounted with iron pipe. MRC published elev and position used. Not included in 1934 adjustment. MGL. (USE 91)	Cap	175.54
	Base	171.54
References. 4-inch box elder tree 100° 52 ft; 8-inch box elder tree 200° 9.8 ft; 6-inch elm tree 350° 23.6 ft. MGL. (USE 91)		
ISLAND 64. 338.5 river mi below Cairo, Ill. Lat 34° 14' 28.42" (+876 m), long 90° 51' 08.78" (+225 m). BM is on old island; about 0.5 mi below Rescue Landing; in timber; about 2,310 ft from edge of willows back of sand bar; 396 ft back of low ground; 0.75 mi in front of levee at point 0.5 mi above loop at Dixie plantation. Stone post surmounted with iron pipe. MRC published elev and position used. Not included in 1934 adjustment. MGL. (USE 91)	Cap	175.08
	Base	171.12

Name and description		Elev. ft.
References. 7-inch box elder tree 30° 31 ft; house 50° about 984 ft; 12-inch cottonwood tree 210° 18 ft; 7-inch box elder tree 320° 20 ft. MGL. (USE 91)		
ISLAND 66. 348.5 river mi below Cairo, Ill. Lat 34° 10' 51.52" (+1587 m), long 90° 53' 07.96" (+204 m). BM 68 on neck of island chute; in old field; 540 ft back of main bank; about 1.5 mi above head of chute; 15 ft S of c/l of rd leading out on island; in about middle of narrow field that shows from river; in curve of rd. Standard USED pipe and tile; top of pipe is 18 inches above ground. MGL. (USE 91)	Cap	173.38
	Base	169.43
ISLAND 66. 349.0 river mi below Cairo, Ill. Position not known. BM 68-A is 1 mi above head of chute of island; 200 ft back of woods rd running along river bank; 500 ft back of top bank. Standard USED pipe and tile. MGL. (USE 91)	Cap	174.48
	Base	170.51
References. 8-inch ash tree N 56° 15' - E 11.6 ft; 20-inch willow tree S 84° 22' - E 33 ft; 6-inch sycamore tree S 29° 15' - W 7.4 ft; 30-inch sycamore tree S 1° 37' - W 45 ft. MGL. (USE 91)		
ISLAND 66. 349.3 river mi below Cairo, Ill. Lat 34° 10' 36.00" (+1109 m), long 90° 52' 08.96" (+229 m). BM 36/d is 1.5 mi above head of chute of island; in edge of woods; 0.5 mi from river bank at point 1 mi above Cheek Landing; 0.5 mi NW of chute of island; in deep W bend; at S side of long narrow field that extends nearly out to river bank; 20 ft S of rd; on ridge running parallel with field. MRC published elev and position used. Not included in 1934 adjustment. MGL. (USE 91)	Cap	167.80
	Base	163.84
References. 8-inch sycamore tree 140° 12 ft; 8-inch sycamore tree 220° 12 ft; 16-inch gum tree 330° 34 ft; 24-inch gum tree 350° 15 ft. MGL. (USE 91)		
ISLAND 66. 349.8 river mi below Cairo, Ill. Lat 34° 10' 55.8" (+1720 m), long 90° 51' 48.6" (+1245 m). BM 36/3 is 1.25 mi above head of chute of island; 820 ft back of river bank, at point 0.75 mi above Cheek Landing, in woods		

Name and description	Elev. ft.
back of Old St. Louis Landing; on S side of fence at foot of B. L. Oliver's field; 164 ft E of rise in ground of about 6 ft, top of stone was 8 inches above ground, now covered by deposit; stone post not connected with in 1907-08; not found 1925 MRC published elev and position used. Not included in 1934 adjustment. MGL. (USE 91)	163.3
References. BM 36/4 2° 18' - 2,697 ft. MGL. (USE 91)	
ISLAND 66. 349.8 river mi below Cairo, Ill. Lat 34° 10' 29.2" (+899 m), long 90° 51' 49.9" (+1277 m). BM 36/4 is 1.25 mi above head of chute of island; 3,608 ft S of river bank at point 0.75 mi above Check Landing; in timber; 459 ft W of sharp bend in chute of island. Not connected with in 1907-08; not found May, 1934, Worley. MRC published elev and position used. Not included in 1934 adjustment. MGL. (USE 91)	159.7
References. BM 36/3 182° 18' - 2,697 ft. MGL. (USE 91)	
ISLAND 66. 350.0 river mi below Cairo, Ill. Lat 34° 10' 47.30" (+1457 m), long 90° 51' 20.50" (+525 m). BM 71 is on neck of island; 1,200 ft back of main bank of river in old field; about 400 ft back of rd running on edge of woods to old Smith farmhouse. Standard USED pipe and tile. MGL. (USE 91)	Cap 170.72 Base 166.73
References. 12-inch cottonwood tree 243° 00' - 79.82 ft. MGL. (USE 91)	
ISLAND 66. 351.5 river mi below Cairo, Ill. Lat 34° 10' 27.6" (+850 m), long 90° 49' 56.1" (+1436 m). BM 37/4 is on island; in woods opposite point 0.5 mi above Sunflower Landing; 0.75 mi from river bank; 2,788 ft W of lowest of houses near center and on E side of large cultivated field 1,968 ft back of edge of field; on second bank of river; 213 ft W of head of pond. Stone post, top of stone was 4 inches above ground. MRC published elev and position used. Not included in 1934 adjustment. MGL. (USE 91)	165.7
References. Large elm tree SW 7 ft; elm tree NW 16 ft; not connected with in 1907-08. MGL. (USE 91)	

Name and description		Elev. ft.
ISLAND 66. 352.3 river mi below Cairo, Ill. Lat 34° 10' 27.05" (+834 m), long 90° 49' 16.11" (+413 m). PBM 37/c is on E part of island; 0.5 mi above point opposite Sunflower Landing; on old bank of island back of bar, at outer edge of field; back of strip of cottonwood trees; 656 ft below lowest of houses near center and on E side of field, 2 ft outside wire fence. MRC tile and pipe, not found Nov. 1933-Shepherd. Not found May 1934-Vance. MRC published elev and position used, not included in 1934 adjustment. MGL. (USE 91)	Cap	171.755
	Base	167.749
References. 12-inch cottonwood tree 210° 23 ft; 8-inch cottonwood tree 260° 39 ft; 310° 16 ft. MGL. (USE 91)		
ISLAND 66. 353.0 river mi below Cairo, Ill. Lat 34° 10' 07.72 " (+238 m(, long 90° 49' 19.78" (+507 m). PBM Jones on island; W of point about 0.25 mi above present Sunflower Landing; on old bank of island; in woods; 750 ft back of edge of willows at back of sand bar. BM evidently covered up. Reference could not be found Nov. 1933-Shepherd. Tile and pipe placed over old stone. Not found 1932, not located 1933-Shepherd. MRC published elev and position used. Not included in 1934 adjustment. MGL. (USE 91)	Cap	169.787
	Base	165.840
References. 20-inch cottonwood tree 80° 23 ft; 10-inch sycamore tree 140° 12 ft; 20-inch cottonwood tree 210° 24 ft. MGL. (USE 91)		
ISLAND 68. 362.9 river mi below Cairo, Ill. About 1.5 mi NE of Ferguson; back of upper end of island; 1,000 ft back of levee at a point 1,000 ft above WRLD milepost 46/47; 982.96 ft back or W of BM Gage 118; top of pipe is 10 inches above ground. BM is standard USED pipe and tile. BM Ferguson. MGL. (USE 92)	Cap	162.94
	Base	158.96
References. Blazed 30-inch maple tree N 85° E 81 ft. MGL. (USE 92)		
ISLAND 68. 363.5 river mi below Cairo, Ill. Lat 34° 08' 27.65" (+852 m), long 90° 57' 37.45" (+960 m). BM 82 is on island; about 0.5 mi above foot of island; at E side of old field;		

Name and description		Elev. ft.
near upper edge, behind cottonwood timber, 530 ft from side of river bank in 1934. BM is standard USED 4-inch pipe and tile. MGL. (USE 92)	Cap	166.11
	Base	162.14
References. 4-inch cottonwood tree 185° 22 ft; 13-inch cottonwood tree 270° 80 ft. MGL. (USE 92)		
ISLAND 68. 364.3 river mi below Cairo, Ill. Lat 34° 07' 38.30" (+1180 m), long 90° 57' 39.04" (+1000 m). BM is about 1,000 ft above head of Knowlton Revetment; 600 ft below foot of island; 125 ft back of top bank in timber. BM 200+00 Knowlton BL. MGL. (USE 92)	Cap	165.81
	Base	161.85
ISLAND 68. 364.5 river mi below Cairo, Ill. Lat 34° 07' 24.20" (+746 m), long 90° 57' 46.60" (+1194 m). BM is on main bank of river bank of foot of island; opposite head of Knowlton Revetment; between old spur and main levee; 525 ft in front of main bank at a point 2,430 ft below milepost 49/50. This mark is set near and takes place of BM 40/d which has been disturbed and is covered up. BM is standard USED 4-inch pipe and tile. BM R-119.2-1. MGL. (USE 92)	Cap	163.06
	Base	159.13
ISLAND 68. 364.5 river mi below Cairo, Ill. Lat 34° 07' 24.48" (+751 m), long 90° 57' 46.84" (+1200 m). BM 40/c is back of foot of island; about 0.5 mi W of river bank; between old and new levees; 1,080 ft below end of levee on lower side of Ferguson Crevasse; 525 ft in front of new levee at a point 2,400 ft above milepost 49/50; 660 ft back of SW angle of loop of old levee; almost on line with lower end of loop. Standard MRC 4-inch pipe and tile. See BM R-119.2-1. Witness trees gone. MGL. (USE 92)	Cap	162.05
	Base	158.05
JACKSON POINT. 346.4 river mi below Cairo, Ill. Lat 34° 11' 52.27" (+1610 m), long 90° 55' 32.46" (+831 m). BM is opposite; 2,145 ft back of river bank at Avenue Landing; 908 ft back of levee at point about 281 ft above rd crossing; about 825 ft above gin; 10 ft back of fence marking boundary between woods and cotton field; about 66 ft above rt angle of cor of field. Standard MRC		

Name and description		Elev. ft.
pipe and tile. Position not changed. Reported o.k. 1932. MRC published elev was cap 163.94; bolt 159.96. BM Angle. MGL. (USE 91)	Cap	163.75
	Bolt	159.73
JACKSON POINT. 346.4 river mi below Cairo, Ill. Lat 34° 11' 48.70" (+1501 m), long 90° 55' 38.60" (+988 m). BM is on produced line, BM Avenue to BM Angle 629.26 ft; on N and S fence line; 125 ft N of fence cor. Standard USED pipe and tile, marked "BM Banks". MGL. (USE 91)	Cap	160.01
	Base	155.68
References. Blazed trees: 18-inch pecan tree S 9° 34' E 47 ft; 8-inch persimmon tree N 80° 00' W; 24-inch sycamore N 79° 05' E 95 ft. MGL. (USE 91)		
JACKSON POINT. 346.4 river mi below Cairo, Ill. Lat 34° 11' 56.87" (+1752 m), long 90° 55' 24.54" (+628 m). BM is opposite; 1,320 ft back of river bank at Avenue Landing (1912); 99 ft back of levee at a point about 528 ft above gin; about 281 ft above rd crossing; between first and second cabins above gin; about 1.25 mi above First M E Church. Standard MRC pipe and tile. Position not changed. Reported o.k. May 1932. MRC published elev was cap 163.43; bolt 161.98. BM Avenue. MGL. (USE 91)	Cap	163.19
	Bolt	159.21
References. BM Angle 55° 01' 13" - 817 ft. MGL. (USE 91)		
JUNCTION STATE ROUTES 1 AND 20. About 0.5 mi E of on St Route 20; about 100 ft W of RR at RR hwy over pass bridge; about 50 ft S of hwy. Copper nail and washer in N root of 36-inch oak tree. MGL. (USE 65)		212.349
JUNCTION STATE ROUTES 1 AND 20. About 1.2 mi E of on St Route 20; about 200 ft NE of small negro house with holly tree in back; at E foot of hill; 30 ft N of c/l of hwy. Copper nail and washer in S root of 10-inch white oak tree. MGL. (USE 58)		190.632
JUNCTION STATE ROUTES 1 AND 20. About 2.7 mi E of on St Route 20; 0.7 mi E of steel bridge; about 75 ft E of end of Osage Orange hedgerow. Cross		

Name and description	Elev. ft.
on SE cor of S headwall of concrete culvert hidden in grass. MGL. (USE 58)	193.195
JUNCTION STATE ROUTES 3 AND 20. Approximately 1.1 mi E of on St Route 3; cross on SW side of culvert, called "R-25". MGL. (USE 50)	179.6
KANGAROO POINT. 320.3 river mi below Cairo, Ill. Lat 34° 22' 44.03" (+1357 m); long 90° 40' 24.19" (+618 m). BM 26/4 is on rt bank of Mississippi River; opposite point 1.5 mi below Friar Point, Miss; 2,231 ft from river bank, 1,214 ft back of old levee at point 1,673 ft below old milepost 13/14; in woods; 394 ft N of W end of small field on Neely plantation. MRC stone post. MRC published elev and position used. Not used in 1934 adjustment. MGL. (USE 91)	171.11
References. 9-inch willow tree 50° 16.7 ft; 7-inch ash tree 170° 6.8 ft. MGL. (USE 91)	
KANGAROO POINT. 320.5 river mi below Cairo, Ill. TBM 41-T is about 165 ft from landside toe of levee; at a point 550 ft below WRLD milepost 15/16; in S root of 24-inch pecan tree. Copper plate in triangular blaze on S side of tree is stamped "TBM 41-T". Brass nail and copper washer. MGL. (USE 91)	173.38
KANGAROO POINT. 322.8 river mi below Cairo, Ill. Position not known. On land of Tom Robinson; about 1,400 ft below dike near upper end of milepost 17 WRLD; 120 ft N of landside toe of false berm of levee at point 2,000 ft below milepost 16/17; 3 ft E of E side of tenant house. Standard USED tile and pipe, cap is stamped "BM 61-34." MGL. (USE 91)	Cap 175.75 Base 171.80
KANGAROO POINT. 322.0 river mi below Cairo, Ill. Lat 34° 23' 29.61" (+912 m); long 90° 41' 27.49" (+702 m). Azimuth from LMP 16/17 to BM 16/17, 213° 45', distance 131.4 ft. MGL. (USE 91)	175.52
References. 16/17 elev 17450. Azimuth from BM 16/17 to reference 16/17 123° 44' 10", distance 540.0 ft. BM and reference are standard levee BM's. MGL. (USE 91)	
KANGAROO POINT. 321.5 river mi below Cairo, Ill. In small patch of woods, 20 ft from landside toe	

Name and description	Elev. ft.
of levee, at a point 650 ft above WRLD milepost 16/17; 300 ft above SE cor of field; on SW root of 12-inch hackberry tree. Copper plate in triangular blaze, stamped "TBM 42-T". Brass nail and copper washer. MGL. (USE 91)	173.19
KANGAROO POINT. 321.4 river mi below Cairo, Ill. TBM 2 is an iron spike in a 13-inch box elder tree; on S side of deep cut slough; about 2.8 mi S of Friar Point, Miss; about 350 ft E of where slough meets river. MGL. (USE 91)	186.85
References. Blazed 9-inch sycamore tree N; blazed 15-inch sycamore tree W. MGL. (USE 91)	
KANGAROO POINT. 321.0 river mi below Cairo, Ill. Lat 34° 23' 04.96" (±153 m); long 90° 40' 40.71" (±1040 m). Azimuth from LMP 15/16 to BM 15/16 213° 59', distance 159.2 ft. MGL. (USE 91)	173.30
References. 15/16 elev 174.15. Azimuth from BM 15/16 to reference 15/16 123° 48' 40", distance 612.6 ft. BM and reference are standard levee BM's. MGL. (USE 91)	
KENDALL. Station. (MP 243)	192.9
LAKE RIDGE. Station. (MP 243)	191.5
LAKEVIEW. Station. (MP 243)	179.4
LAMBROOK. In town of; at SW cor of hotel. Brass cap in iron pipe and called BM 15. MGL. (USE 67)	159.360
LAMBROOK. In town of; 300 ft E of hotel; at E end of large barn. Brass cap on iron pipe and called BM 16. MGL. (USE 67)	159.280
LAMBROOK. 2 mi E of; 0.5 mi E of E levee near; steel bridge over ditch; on S wooden guard rail; in square cut, 60 penny nail. MGL. (USE 67)	163.000
LAMBROOK. 2.5 mi W and 1 mi N of; at cor of levee; located at cors of secs 9, 10, 15 and 16-T4S-R1E. Brass cap on iron pipe and called permanent hub. MGL. (USE 67)	172.550
LATOUR. See Latour Junction. (MP 243)	
LATOUR. Station. (MP 243)	201.

Name and description	Elev. ft.
LATOUR JUNCTION. Station. (MP 243)	213.3
LEXA. 1 mi W of on St Route 1; second culvert S of M&NA RR crossing; about 100 ft N of rd crossing with sign "1 mi Lexa". Cross cut on NW cor of E headwall of concrete culvert. MGL. (USE 65)	219.179
LEXA. TBM North Lexa. About 1 mi N along M&NA RR from; at intersection with MP RR, and in E cor of concrete foundation of RR crossing gate. Top of small stone in center of chiseled square. MSL. (USC&GS 17)	202.834
LEXA. About 1 mi N along M&NA RR, at pole 345-06, 57 ft SE of c/l of MP RR track, and 51 ft SW of c/l of M&NA RR track. Standard disk, stamped "A 15, 1932" and set in top of concrete post. MSL. (USC&GS 17)	199.675
LEXA. TBM 33. About 2 mi NW along M&NA RR, at crossing of St Hwy 1, in SE headwall of concrete culvert under hwy, about 4 yards NE of c/l of track, about 5 yards SE of c/l of hwy, 5 inches NE of SW end of headwall, and 3 inches NW of SE edge. Chiseled square. MSL. (USC&GS 17)	203.113
LUDLOW. Est. (AGS 300)	160.
LUDLOW LANDING. 361.0 river mi below Cairo, Ill. Lat 34° 10' 18.73" (±577 m), long 90° 55' 19.17" (±491 m). BM nearly covered by deposit and grown up with brush; opposite upper end of old Island 67; 770 ft below lower side of Ludlow Field; 115 ft back of top of high bank; in cotton field near upper end. BM is MRC stone post about ½ ft above ground. MRC elev used in 1934 adjustment. Not connected for position. MRC position used. BM 39-3. MGL. (USE 92)	165.20
LUNDELL. See Ludlow Landing. (USE 92)	
LUNDELL. Est. (MRC 140)	155.
MARVELL. Station. (MP 243)	209.7
MARVELL. On Main Street; in front of Tompson's grocery store; cross cut in N Cor of sidewalk at bend in walk, called A-1. MGL. (USE 65)	210.1
MARVELL. About 0.5 mi NW of; on St Route 20; about	

Name and description	Elev. ft.
20 ft S of c/l of hwy; at E end of slight curve; 800 ft NW of NW cor of fence around Standard Oil wholesale station, about 260 ft SE of tenant house. Brass cap on iron pipe set in concrete, stamped USED M-14-6. MGL. (USE 65)	194.841
MARVELL. About 1 mi W of; along MP RR; 75 ft N of RR in SE cor of field. Copper nail and washer in S root of 24-inch oak tree, called 56-L. MGL. (USE 65)	185.4
MARVELL. About 1.5 mi E along MP RR; 150 ft N of track; copper nail and washer in SW root of 36-inch maple tree, called 33-R. MGL. (USE 65)	192.1
MARY. Station. (MP 243)	165.8
McCAULEY. Est. (MRC 143)	170.
MELLWOOD. See Avenue Landing. (USE 63)	
MELLWOOD. See Island 64. (USE 91)	
MELLWOOD. See Island 66. (USE 91)	
MELLWOOD. See Jackson Point. (USE 91)	
MELLWOOD. See Offut Landing. (USE 91)	
MELLWOOD. See Wildwood Channel Light. (USE 92)	
MELLWOOD. 345.0 river mi below Cairo, Ill. Gage is composed of incline sec from 16 to 39.3 ft and vertical sec from 0 to 17 ft and 39 to 64.7 ft. BM Pecan, BM 30/d and TBM Pipe used at inspections. L W Gage 345.0 R. MGL. (USE 91)	128.34
MELLWOOD. 345.0 river mi below Cairo, Ill. TBM is iron pipe stamped 200 and is set in concrete revetment, 30 ft below incline sec of gage and 7 ft from top of revetment. Cap on pipe 38.41. MGL. (USE 91)	166.75
MELLWOOD. 344.9 river mi below Cairo, Ill. Lat 34° 13' 15.53" (±480 m); long 90° 56' 49.34" (±1263 m). BM Pat is about 0.25 mi E of; 500 ft N of E and W rd to levee; in clump of box elder trees; 48 ft E of house cor; about 1,950 ft W of BM 34/d. Standard USED pipe and tile. MGL. (USE 91)	Cap 165.79 Base 161.48

Name and description		Elev. ft.
References. S 10° 00' E 10-inch box elder tree 32 ft; N 19° 00' E 6-inch pecan tree 31 ft; N 53° 30' W 8-inch pecan tree 64 ft; S 25° 00' W, NE cor of house 53 ft. MGL. (USE 91)		
MELLWOOD. 345.1 river mi below Cairo, Ill. Lat 34° 12' 59.31" (+1827 m), long 90° 56' 13.14" (+336 m). BM 171-51 Ave B L is on landside crown of levee at an angle in base line, 0.25 mi below rd and 1,100 ft below angle in levee. Standard USED pipe and tile, cap on pipe is about 18 inches above surface of levee. MGL. (USE 91)		189.48
MELLWOOD. 346.0 river mi below Cairo, Ill. Lat 34° 12' 19.28" (+594 m), long 90° 55' 39.82" (+1019 m). BM 122-00 Offset Ave B L is at toe of river side slope levee. Cap on pipe is about 18 inches above ground, approximately 1 mi below angle and rd from; standard USED pipe and tile. MGL. (USE 91)	Cap Base	166.10 162.10
MODOC. See Fair Landing. (USE 67)		
MODOC. 333.7 river mi below Cairo, Ill. Lat 34° 18' 00.19" (+6 m), long 90° 47' 19.38" (+496 m). BM 31/3 is on rt bank of Mississippi River, back of Modoc Landing; 0.25 mi from river bank; in woods 393 ft in front of levee, at point 0.5 mi below levee milestone 26/27 and 328 ft above rd crossing; 197 ft E of N and S rd and about 295 ft NW of NE and SW rd, both rds leading back from; stone post surmounted with iron pipe. Elev changed in 1934 adjustment. MRC published elev was cap 175.06; stone 171.07. Position not changed. MGL. (USE 91)	Cap Base	174.98 170.99
MGL. (USE 67)	Cap Base	175.060 171.070
References. BM 31/4 163° 16' 1,901 ft; 6-inch ash tree 70° 18 ft; 12-inch cottonwood tree 280° 14.7 ft; 14-inch sycamore tree 290° 144 ft; 14-inch cottonwood tree 310° 24.9 ft; 18-inch cypress tree 148° 17' 29.5 ft; 22-inch sycamore 279° 32' 31 ft; 14-inch maple tree (grafted on elm tree) 36° 16' 36 ft. MGL. (USE 91)		
MODOC. 333.7 river mi below Cairo, Ill. Lat 34° 18' 18.20" (+561 m), long 90° 47' 25.90" (+622 m).		

Name and description	Elev. ft.
BM 31/4 is on rt bank of Mississippi River; 3,117 ft back of river bank at point directly N of store; in cotton field on Burk plantation; 1,476 ft back of levee; at rd crossing; 2,952 ft below levee milestone 26/27; about 623 ft E of rd; about 656 ft S of timber line; 13 ft E of cotton house; 33 ft E of plantation rd leading back from; stone post. MRC published elev and position used. Not included in 1934 adjustment. MGL. (USE 91)	171.14
References. BM 31/3 343° 15' 50" - 1,901 ft. MGL. (USE 91)	
MODOC. 333.8 river mi below Cairo, Ill. BM 123 is spike in triangular blaze on lower face of gage tree, 2 ft above ground. MGL. (USE 91)	177.20
Note. Elev of this BM was changed same amount as BM 31/3; but should be connected with a line of levels at next inspection.	
MODOC. 3 mi below; 2 mi above point opposite Rescue Landing; 2,500 ft back of Fair Landing; 1,000 ft above rd crossing at North's Mill; in barn yard; on bank of Yellow Bank or Mill's Bayou. Brass cap on iron pipe set on concrete tile and called BM Fair. MGL. (USE 67)	Cap 172.730 Bolt 168.730
MONTEZUMA TOWHEAD. 313.0 river mi below Cairo, Ill. Lat 34° 25' 44.90" (+1383 m), long 90° 36' 21.80" (+557 m). BM 24/4 is on rt bank, about 1 mi above foot of towhead; 4,724 ft NW of bank of chute; 3,116 ft W of levee at point 328 ft below levee mile 7/8; in cotton field; 229 ft S of old bayou skirted with scattering trees; 12 ft E of N and S fence separating land of Dr. Sherman and Mr. Cobb. MRC stone post. MRC published elev changed in 1934 adjustment. Published elev was 179.41. MRC position used was not tied horizontally. MGL. (USE 91)	179.20
References. 7-inch elm tree blazed on side facing mark. Mark is 11 ft E of tree; white plantation house S 30° E 2,000 ft. MGL. (USE 91)	
MONTEZUMA TOWHEAD. 313.1 river mi below Cairo, Ill. Lat 34° 25' 19.77" (+609 m), long 90° 35' 51.08" (+1304 m). BM 24/3 is on rt bank; 1 mi above foot of towhead; 1,148 ft W of bank of chute; 22 ft W of levee at point 1,148 ft above	

Name and description	Elev. ft.
prominent angle short distance above St. Luke's Church, about 0.375 mi above LMP 8/9; on plantation belonging to R. L. Cobb. MRC stone post. MRC elev and position used as not included in 1934 adjustment. Not recovered in 1934. MGL. (USE 91)	182.41
References. BM 24/4 134° 38' - 3,615.8 ft; house 60° 200 ft; house 160° 656 ft. MGL. (USE 91)	
MONTEZUMA TOWHEAD. 316.0 river mi below Cairo, Ill. TBM 19-T is on 6-inch locust tree, about 950 ft back of levee; on spoil bank, 100 ft W of rd running N and S; 0.25 mi below levee milepost 9/10. Copper nail and washer. MGL. (USE 91)	183.15
MOSBY SPUR. Station. (MP 243)	165.2
MOSBY SPUR. 361.0 river mi below Cairo, Ill. TBM 8-V is about 0.75 mi back (N) of BM 79-A; on E side of woods rd; 400 ft N of N side of cultivated field; in cottonwood timber; on W root of 18-inch cottonwood tree. Copper plate in blaze is stamped TBM 8-V. Brass nail and copper washer. MGL. (USE 92)	170.50
References. 8-inch blazed cottonwood tree W 12 ft. MGL. (USE 92)	
MOUTH OF ST. FRANCIS RIVER. 1.25 mi below; 550 meters from river bank, at back of a field; on old Horner plantation; on E bank of small slough; 3 meters W of rd running between field and cane break. Brass cap on iron pipe on concrete tile called BM 20 d. MGL. (USE 58)	Cap 187.912 Bolt 183.990
NEUKA. Station. (MP 243)	191.2
NORTH LEXA. Est. (MRC 132)	195.
OFFUT LANDING. 347.2 river mi below Cairo, Ill. Lat 34° 11' 26.73" (±824 m), long 90° 54' 32.81" (±840 m). BM is in timber about 660 ft SW of; about 297 ft W of river bank; on an old levee nearly covered by deposit and looking like small ridge. BM is on cane ridge. BM is about 2 ft below ground and has two 2-inch pipes driven on N and S sides; about 145 ft back of main bank of river. Stone post surmounted with iron pipe. MRC published elev was changed in 1934 adjustment	

Name and description		Elev. ft.
Position not changed. MRC published elev was cap 173.24; top of stone 169.26. BM 35/3. MGL. (USE 91)	Cap	173.30
	Base	169.34
MGL. (USE 63)	Cap	173.240
	Top of stone	169.260
References. 16-inch sycamore tree 189° 00' - 57.7 ft; 18-inch sycamore tree 277° 00' - 26.3 ft, gage section on tree; 7-inch pecan tree 65° 00' - 28.5 ft. MGL. (USE 91)		
OFFUT LANDING. 347.2 river mi below Cairo, Ill. TBM is 110 ft in front of and 50 ft downstream from H W Gage 120; inside of 20-inch pecan tree. Boat spike. This TBM used at inspections of H W Gage 120, also see BM 120 (1933). TBM 120 (1919). MGL. (USE 91)		172.28
OFFUT LANDING. 347.2 river mi below Cairo, Ill. Lat 34° 11' 12.3" (+378 m), long 90° 54' 45.3" (+1159 m). BM is 2,559 ft SW of; 1,312 ft E of levee at angle 1 mi below Avenue; 1,509 ft above First M E Church; in edge of woods; 344 ft NW of remains of old levee from a point 330 ft below second bend in same; 197 ft W of cabin. Stone post, top of post about 6 inches below ground. Reported o.k. 1933. MRC published elev and position used. BM 35/4. MGL. (USE 91)		164.7
References. BM 35/3 215° 30' - 1,798 ft; 15-inch sycamore tree 75° 118 ft; 15-inch pecan tree 265° 147 ft. MGL. (USE 91)		
OFFUT LANDING. 347.8 river mi below Cairo, Ill. Lat 34° 11' 09.7" (+299 m); long 90° 54' 0.1" (+3 m). BM is about 0.75 mi below; on Sta 150+00 D of Avenue Revetment Base Line. Standard USED pipe and tile. BM 150+00 D Avenue B L. MGL. (USE 91)		176.25
OFFUT LANDING. 348.0 river mi below Cairo, Ill. TBM is about 1.5 mi below Avenue Revetment; 2,200 ft W of BM 68; at sharp angle in woods rd; in W side of 12-inch leaning cottonwood tree. Copper plate in blaze on tree is stamped BM 68. Brass nail and copper washer. Two blazed cottonwood trees facing BM tree. TBM 10 V. MGL. (USE 91)		171.73
OLDTOWN. See Anderson Light. (USE 91)		

Name and description	Elev. ft.
OLDTOWN. Est. (AGS 300)	195.
OLDTOWN LANDING. 325.0 river mi below Cairo, Ill. Lat 34° 22' 52.16" (+1607 m), long 90° 45' 13.54" (+346 m). Azimuth from LMP 20/21 to BM 20/21 146° 39', distance 133.5 ft. Reference 20/21; elev 168.80. Azimuth from BM 20/21 to reference 20/21 232° 48' 00", distance 652.2 ft. BM and reference are standard levee BM's. BM 20/21 WRLD. MGL. (USE 91)	175.10
OLDTOWN LANDING. 325.0 river mi below Cairo, Ill. TBM No. 2 is spike in triangular blaze on lower landside of sec A of gage tree; used at inspection of L W Gage 325.0 R. Elev 47.19 ft above zero of gage. See TBM No. 1. TBM No. 2. MGL. (USE 91)	183.05
OLDTOWN LANDING. Back of; 1,100 ft back of river bank; 500 ft NW of Oldtown Lake Bayou where it is crossed by levee; 250 ft SW of angle in levee where it turns NE; on plantation of Ed Poke; in downstream cor of yard; 30 ft from negro cabin. Brass cap on iron pipe set on concrete tile and called BM Oldtown. MGL. (USE 42) Cap on pipe Bolt in tile	173.200 169.21
OLDTOWN LANDING. 325.0 river mi below Cairo, Ill. Gage is at; in vertical secs from 0 to 66 ft. TBM No. 1 and TBM No. 2 used at inspections; L W Gage 325.0 R. Zero of gage is 135.86 ft above MGL. MGL. (USE 91)	
OLDTOWN LANDING. 325.0 river mi below Cairo, Ill. TBM 1 is 3/8-inch drift pin in downstream side of 18-inch cottonwood tree, 4 ft above ground; 500 ft above old incline section. Used as gage BM for L W Gage 325.0 R. Elev 44.77 ft above zero of gage. See TBM No. 2, MGL. (USE 91)	180.63
OLDTOWN LANDING. 324.8 river mi below Cairo, Ill. Boat spike in square blaze, 3 ft above ground, on river face of 24-inch cottonwood tree; 120 ft in front of gage. BM 125 (1923). MGL. (USE 91)	182.36
OLDTOWN LANDING. 324.8 river mi below Cairo, Ill. Lat 34° 22' 52", long 90° 44' 45" (approximately). Gage is in one sec on river face of 2-ft cottonwood tree; 150 ft back of river bank at; in clump of six large cottonwood trees, 600 ft above Oldtown Light. BM 125 (1923) and BM 125-	

Name and description	Elev. ft.
A (1923) used at inspections. H W Gage 125. Zero of gage is MGL. MGL. (USE 91)	
OLDTOWN LANDING. 324.8 river mi below Cairo, Ill. BM is boat spike in square blaze, 3 ft above ground, in lower face of 2½-ft cottonwood tree; 75 ft below gage. BM 125-A (1923). MGL. (USE 91)	184.08
OLDTOWN LANDING. 324.7 river mi below Cairo, Ill. TBM is in S root of 24-inch cottonwood tree; about 1 mi N of; 60 ft N of toe of levee; 30 ft N of c/l of rd; 100 ft W of house; 15 ft S of cottonwood tree of same size. 20 penny nail. TBM OTL-5. MGL. (USE 91)	176.78
OLDTOWN LANDING. 324.7 river mi below Cairo, Ill. Lat 34° 23' 04.43" (+13 m), long 90° 44' 47.19" (+1206 m). BM is on rt bank of; just below where old levee crosses Oldtown Bayou; 320 ft riverward from main levee; 15 ft N of bank of bayou. MRC pipe and tile. MRC published elev and position used. This BM used in 1934 adjustment. BM Lake Bayou. MGL. (USE 91)	Cap 177.04 Base 173.07
References. 16-inch willow tree 43° 51 ft; angle in old levee near river 320° 394 ft. MGL. (USE 91)	
OLDTOWN LANDING. 324.0 river mi below Cairo, Ill. Lat 34° 23' 19.35" (+596 m), long 90° 43' 13.23" (+338 m). BM is about 1.25 mi above; 0.5 mi from river bank; 1,200 ft SE of loop in old levee; 500 ft S of tow of old levee; 1,600 ft S of new levee; 250 ft S of N edge of woods line; 30 ft E of 18-inch blazed maple tree, 30 ft N of 20-inch blazed box elder tree; 15 ft W of 12-inch sycamore tree. Old stone post surmounted with 4-inch iron pipe. MRC published elev and position used, as not included in 1934 adjustment. BM Sta Castine - 27/3. MGL. (USE 91)	Cap 180.72 Base 176.67
References. BM 27/4 181° 06' 26" 653.2 ft; 20-inch cottonwood tree 20° 25 ft; 6-inch maple tree 80° 34 ft; 6-inch mulberry tree 150° 32 ft; 7-inch sycamore tree 230° 10 ft. MGL. (USE 91)	
OLDTOWN LANDING. 324.0 river mi below Cairo, Ill. Lat 34° 23' 25.81" (+795 m), long 90° 43' 13.09" (+334 m). BM is on rt bank 1.25 mi above; 885	

Name and description	Elev. ft.
ft above angle at upper end of old loop around crevasse in old levee; 1,115 ft above cultivated field extending back from levee, on inner slope of levee; 52 ft back from top. Stone post. MRC published elev and position used, as not included in 1934 adjustment. BM 27/4. MGL. (USE 91)	180.16
References. BM 27/3 (Castine) 1° 06' 26" - 653.2 ft.	
OLDTOWN LANDING. 324.0 river mi below Cairo, Ill. TBM is about 1,200 ft S and 30° E of point 4,200 ft below WRLD milepost 17/18; 300 ft from edge of woods; on W root of 20-inch hackberry tree. Brass nail and copper washer. TBM 46-T. MGL. (USE 91)	178.40
OLDTOWN LANDING. 323.9 river mi below Cairo, Ill. Position not known. BM is about 1.5 mi above; 3,740 ft below WRLD milepost 17/18, 600 ft above ramp across levee; 40 ft from toe of new levee; 2 ft W of old fence line at edge of woods at SE cor of field. Standard USED tile and pipe. Cap on pipe is stamped BM 62-34. MGL. (USE 91)	
Cap	175.18
Base	171.20
OLDTOWN LANDING. 323.9 river mi below Cairo, Ill. TBM is 10 ft from landside toe of new levee at point 3,700 ft below WRLD milepost 17/18; 600 ft above ramp across levee; on N root of 30-inch oak tree. Copper plate in triangular blaze is stamped TBM 44-T. TBM 45-T. Brass nail and copper washer. MGL. (USE 91)	173.96
OLDTOWN LANDING. 323.7 river mi below Cairo, Ill. TBM is in S side of 24-inch elm tree; about 1.25 mi E of; 30 ft N of toe of banquette; 125 ft S of bayou; 40 ft S of rd; 20 penny nail. TBM h-2. MGL. (USE 91)	174.26
OLDTOWN LANDING. 323.1 river mi below Cairo, Ill. TBM is on E root of 18-inch cypress tree opposite WRLD milepost 17/18; 250 ft from landside toe of levee; back of small spoil bank; 150 ft W of rd that meets levee below milepost 17/18. Brass nail and copper washer. TBM 44-T. MGL. (USE 91)	172.26
OLDTOWN LANDING. 322.8 river mi below Cairo, Ill. TBM is 10 ft from landside toe of false berm;	

Name and description		Elev. ft.
at a point 1,600 ft below WRLD milepost 16/17, 150 ft S of SE cor of tenant house; on levee side root of 12-inch hickory tree. Brass nail and copper washer. TBM 43-T. MGL. (USE 91)		173.28
OLDTOWN REVETMENT. 326.2 river mi below Cairo, Ill. Lat 34° 21' 54.13" (±1668 m), long 90° 45' 50.07" (±1279 m). BM is 2,000 ft above lower end of; 1,100 ft below borrow pit drain; 400 ft in front of old levee; 150 ft back of river bank. BM is standard USED pipe and tile. BM 180+00 Oldtown B L. MGL. (USE 91)	Cap	174.58
	Base	170.58
OLDTOWN REVETMENT. 325.3 river mi below Cairo, Ill. Lat 34° 22' 38.77" (±1195 m), long 90° 45' 16.65" (±425 m). BM is on rt bank; 2,800 ft below upper end of; 135 ft back of top bank; 50 ft to river slope of old levee; on E and W fence line at Sta 128+00 of base line. BM is standard USED pipe and tile. BM 128+00 Oldtown B L. MGL. (USE 91)	Cap	178.14
	Base	174.17
OLDTOWN REVETMENT. 327.3 river mi below Cairo, Ill. Lat 34° 20' 36.56" (±1127 m), long 90° 45' 37.35" (±1952 m). BM is approximately 0.75 mi below; 500 ft back of main bank; in 60 ft cleared circle in thick woods; an 8-ft blazed pole planted by mark. To find mark follow base line to well defined cleared circle. Standard USED tile and pipe. BM 54-33. MGL. (USE 91)	Cap	177.71
	Base	173.72
ONEIDA. Station. (MP 243)		175.04
PILLOWS. Station. (MP 243)		207.9
POPLAR GROVE. Station. (MP 243)		188.8
POPLAR GROVE. 100 ft SE of depot; about 100 ft S of MP RR. Copper nail and washer in NE root of 28-inch sycamore tree, called R-34. MGL. (USE 65)		191.290
POPLAR GROVE. About 0.5 mi SE of, on bank of Big Creek; about 800 ft S of MP RR; copper nail and washer in SW root of 32-inch red oak tree, called R-35. MGL. (USE 65)		194.0

Name and description	Elev. ft.
POPLAR GROVE. About 0.75 mi E of along MP RR; 150 ft E of RR milepost 16-20; 22 ft S of c/l of RR track. Brass cap on iron pipe set in concrete, stamped Trav Sta M-14-5. MGL. (USE 65)	178.147
POPLAR GROVE. About 2 mi SE of on back of Big Creek; about 1.25 mi S of MP RR; on bluff bank of creek; copper nail and washer in SW root of 18-inch red oak tree, called R-38. MGL. (USE 65)	194.1
POPLAR GROVE. About 3 mi SE of, near Big Creek; about 1,000 ft W of Big Creek; copper nail and washer in S root of 20-inch water oak tree, called R-39. MGL. (USE 65)	182.9
POSTELLE. Station. (MP 243)	178.2
POSTELLE. 100 ft NW of depot; on E side of concrete brick of old P.O. building E of steps; cross cut on SW cor called 53-L. MGL. (USE 50)	180.0
POSTELLE. About 2 mi E of, along MP RR; 50 ft N of Hicks depot at RR crossing; 100 ft SE of schoolhouse. Copper nail and washer in S root of 36-inch oak tree, called 55-L. MGL. (USE 65)	183.3
PRAIRIE POINT. 301.0 river mi below Cairo, Ill. Lat 34° 34' 50", long 90° 34' 57". Gage is in one sec (189-212) spiked to upper inner face of 24-inch sycamore tree on lower side of; 300 ft back from river bank at lower side of large field; at upper edge of timber. BM's 128-A and 128 (1933) used at inspections. Zero of gage MGL. H W Gage 128. MGL. (USE 90)	
PRAIRIE POINT. 301.0 river mi below Cairo, Ill. BM is a spike in triangular blaze on river face of 16-inch thorn tree, 200 ft in front of gage tree. This mark not tied to in 1934. BM 128 (1933). MGL. (USE 90)	
PRAIRIE POINT. 301.0 river mi below Cairo, Ill. BM is a spike in triangular blaze on upper side of gage tree. This mark not tied to in 1934. BM 128 A. MGL. (USE 90)	
PRAIRIE POINT BASE LINE. 305.4 river mi below Cairo, Ill. Lat 34° 32' 17.92" (+552 m), long 90° 33' 14.75" (+376 m). BM is on Prairie Point Towhead at Sta 15, Prairie Point Base Line; opposite a	

Name and description		Elev. ft.
point about 0.25 mi below lower end of Trotters Revetment; 2 mi below Dike No. 4; about 300 ft back of high bank; 1,000 ft below long narrow clearing; 23 ft N of 6-inch willow tree, 25 ft S of 7-inch cottonwood tree. BM is standard USED 4-inch pipe and tile. BM 15+00 Prairie Point B L. MGL. (USE 90)		176.98
PRAIRIE POINT DIKES. 303.7 river mi below Cairo, Ill. TBM is in E root of 36-inch pecan tree; 50 ft S of old field rd; 150 ft W of rd leading to; about 2 mi above levee milepost 0/0 WRLD. Nail and washer. TBM 2. MGL. (USE 90)		184.41
PRAIRIE POINT TOWHEAD. 302.6 river mi below Cairo, Ill. Lat 34° 33' 21.99" (+678 m), long 90° 33' 11.73" (+299 m). BM is on; near center; in brush and small timber on land of Dick Alexander, on ridge running parallel with river; about 200 ft W of edge of clearing at a point 620 ft below upper end; 1,080 ft E of most eastern of two cabins in cotton field; about 660 ft E of edge of small timber. BM is standard MRC 4-inch pipe and tile. Not connected with or included in 1934 adjustment. MRC published elev and position taken as being correct. BM 21/c. MGL. (USE 90)	Cap Base	183.25 179.27
PRAIRIE POINT TOWHEAD. 302.6 river mi below Cairo, Ill. Lat 34° 33' 38.17" (+1176 m), long 90° 30' 48.98" (+1249 m). BM is 550 ft back of top bank and 3,000 ft below Dike 4 on; about 3,400 ft below SPM 46. BM is standard USED 4-inch pipe and tile. BM 110+00 Prairie Point B L. MGL. (USE 90)	Cap Base	189.13 185.13
PRAIRIE POINT TOWHEAD. 301.4 river mi below Cairo, Ill. TBM is in W root of 40-inch pecan tree on E side of field rd behind; 100 ft W of W top bank of chute; about 0.5 mi SE of BM N 98.1-1; 3 mi above levee milepost 0/0 WRLD. Copper nail and washer. TBM 3. MGL. (USE 90)		189.85
PRAIRIE POINT TOWHEAD. 301.6 river mi below Cairo, Ill. Lat 34° 34' 16.08" (+495 m), long 90° 33' 30.92" (+788 m). BM is on; 500 ft above Dike 3; 425 ft back of top bank. BM is standard USED 4-inch pipe and tile. BM 162+00 Prairie Point B L. MGL. (USE 90)	Cap Base	190.91 186.93

Name and description	Elev. ft.
PRAIRIE POINT TOWHEAD. 304.0 river mi below Cairo, Ill. Lat 34° 33' 04.36" (+134 m), long 90° 32' 35.35" (+901 m). BM is on rt bank of Mississippi River; set in fringe of willows, 1,500 ft below line of heavy timber. BM is 800 ft S of SPM 47. BM is standard USED 4-inch pipe and tile. BM 74+00 Prairie Point B L. MGL. (USE 90)	188.77
PRAIRIE POINT TOWHEAD. 301.0 river mi below Cairo, Ill. Lat 34° 34' 31.79" (+980 m), long 90° 34' 17.74" (+452 m). BM is 1,970 ft W of bank of chute back of; about 0.75 mi below its head in timber; in low ground adjoining Porter Lake; about 660 ft W of old field; about 2,410 ft azimuth 133° from BM Adams. BM is a stone post. Top of stone is about 6 inches out of ground. Not connected with or included in 1934 adjustment. MRC published elev and position taken as being correct. BM 21/4. MGL. (USE 90)	173.05
References. 20-inch elm tree S 49 ft; 28-inch burr oak tree 100° 50 ft; 28-inch burr oak tree 180° 56 ft; 26-inch elm tree 190° 30 ft; 14-inch elm tree 265° 28 ft. MGL. (USE 90)	
PRAIRIE POINT TOWHEAD. 301.0 river mi below Cairo, Ill. Lat 34° 34' 42.31" (+1304 m), long 90° 33' 58.19" (+1483 m). BM is about 2,000 ft above head of chute behind; 475 ft back of top bank; 10 ft E of dead sycamore tree, 250 ft back of H W Gage 128. BM is standard USED 4-inch pipe and tile. BM 98.1-1. MGL. (USE 90)	Cap 191.92 Base 187.97
PRAIRIE POINT TOWHEAD. 300.3 river mi below Cairo, Ill. TBM is in river face of 6-inch cottonwood tree on base line at approximate base line St 238. Nail and washer. TBM 4. MGL. (USE 90)	189.86
PRAIRIE POINT TOWHEAD. 305.5 river mi below Cairo, Ill. TBM is in root of blazed twin box elder tree on W bank of bayou; 150 ft S of bridge across bayou; about 1 mi above levee milepost 0/0 WRLD. Nail and washer. TBM 1. MGL. (USE 90)	178.24
PRAIRIE POINT TOWHEAD. 299.5 river mi below Cairo, Ill. Lat 34° 35' 50.66" (+1561 m), long 90° 34' 49.09" (+1251 m). BM is 2 mi above head of chute behind; in heavy timber, 209 ft back of top bank; on N bank of dry slough; 0.75 mi below Horner	

Name and description		Elev. ft.
Field Light. BM is standard USED 4-inch pipe and tile. BM 278+00 Prairie Point Base Line. MGL. (USE 90)	Cap	190.09
	Base	186.11
RAGAN. Est. (MRC 143)		165.
RATIO. Est. (AGS 300)		170.
RAVEN. Station. (MP 243)		165.
RED STORE. Est. (MRC 143)		175.
ST. FRANCIS BEND. 295.1 river mi below Cairo, Ill. Lat 34° 39' 29.76" (+917 m); long 90° 35' 41.56" (+1058 m). BM is 2.5 mi above mouth of St. Francis River; 1.5 mi below Pillow Mound field; 0.5 mi above Stumpy Point; 700 ft back of river bank; 584 ft westward from; BM is standard USED 4-inch pipe and tile. BM Pillow (USE). MGL. (USE 90)	Cap	181.41
	Base	177.44
References. 30-inch cypress tree 50 ft NW; 14-inch double cypress tree 15 ft SW. MGL. (USE 90)		
ST. FRANCIS LANDING. 297.6 river mi below Cairo, Ill. Lat 34° 37' 36"; long 90° 35' 41". Gage is in one sec (188.3 to 196) spiked to upper face of 30-inch cottonwood tree, 75 meters above mouth of and on lt bank of St. Francis River. BM 129 (1933) and BM Hot used at inspections. H W Gage 129. MGL. (USE 90)	Zero of gage	
ST. FRANCIS LANDING. 297.6 river mi below Cairo, Ill. BM is copper nail and washer in lower root of gage tree for H W Gage 129. BM Hot. MGL. (USE 90)		187.86
ST. FRANCIS LANDING. 297.7 river mi below Cairo, Ill. TBM 23 is brass nail and copper washer in S root of 18-inch elm tree; 1.2 mi below end of levee; on lt bank of St. Francis River; 400 ft upstream from mouth of river; 125 ft W of BM Gage 129; 150 ft from top bank. Copper plate in triangular blaze stamped TBM 23. MGL. (USE 90)		189.60
ST. FRANCIS LANDING. 297.8 river mi below Cairo, Ill. Lat 34° 37' 30.28" (+933 m); long 90° 35'		

Name and description		Elev. ft.
56.32" (+1435 m). BM is about 1,500 ft back of Mississippi River; 90 ft N of N bank of St. Francis River; about 25 ft E of wooden foundation of old building; N of old rd along N bank of St. Francis River. BM is standard MRC 4-inch pipe and tile. MRC elev changed in 1934 adjustment. MRC published elev was cap 190.93; bolt in tile 186.92. BM Gage 129 (MRC). MGL. (USE 90)	Cap	191.02
	Base	187.00
ST. FRANCIS LANDING. 298.9 river mi below Cairo, Ill. Lat 34° 36' 16.99" (+523 m); long 90° 35' 28.09" (+716 m). BM is 1.25 mi below mouth of St. Francis River; 1,800 ft back from river bank; at back of second field from river; on old Horner plantation; on E bank of small slough; 10 ft W of rd running between field and cane brake. Old MRC BM has been replaced. BM is standard USED 4-inch pipe and tile. 20/d was used in 1934 adjustment. BM 20/d (MRC). MGL. (USE 90)	Cap	187.92
	Base	183.99
References. 10-inch pecan tree SE 10 ft; 16-inch twin hackberry SW 25 ft; 20-inch twin pecan tree 151° 50' - 7 ft. MGL. (USE 90)		
SOUTHLAND. Est. (MRC 143)		222.
SOUTHLAND. Top of rail opposite M&NA RR station. MSL. (USC&GS 17)		224.8
SOUTHLAND. About 3.5 mi NW along M&NA RR from West Helena, at Southland, 78 ft S of S cor of station, about 0.5 pole SE of pole 349-15, 76 ft N of N cor of cotton gin building, and 41 ft SW of c/l of track. Standard disk, stamped "Z 14 1932" and set in top of concrete post. MSL. (USC&GS 17)		224.196
STAYTON SPUR. Station. (MP 243)		176.1
STUMPY POINT. 297.6 river mi below Cairo, Ill. Elev zero of gage, MGL. Lat 34° 37' 36"; long 90° 35' 41". Gage is automatic float type built in two secs and graduated on face A, 198 to 208 and B, 189 to 199. Sec B is spiked to same tree as H W Gage 129. Sec A is spiked to 10-inch cottonwood tree, 400 ft back of Sec B. BMs 129 (1933) and BM Hot used at inspections. HW Gage 129 A. MGL. (USE 90)		

Name and description	Elev. ft.
TRENTON. Est. MRC 143)	180.
TRENTON. About 1 mi E of; on bank of Big Creek; 20 ft S of E and W rd; about 100 ft W of Big Creek; point on blazed 30-inch leaning elm tree where nail was driven, called R-20. MGL. (USE 65)	167.3
TRENTON. 1.5 mi S of; 15 ft E of N and S rd; in sec 26, T2S-R1E; in W root of 30-inch gum tree; copper nail and washer, called R-41. MGL. (USE 67)	176.550
TRENTON. 2 mi SW of; on E side of rd; in sec 34, T2S-R1E in NE root of 40-inch oak tree; copper nail and washer, called R-42. MGL. (USE 67)	184.750
TRENTON. 2.5 mi SE of; 10 ft NW of small barn; in sec 3, T3S-R2E; in SE root of 30-inch walnut tree; copper nail and washer, called R-43. MGL. (USE 67)	179.450
TUGWELL. Est. (MRC 143)	175.
TURNER. 0.5 mi S of; and 0.5 mi E of; near Phillips-Monroe Co line; on St Route 1; on SW cor of S headwall of concrete culvert. Cross chiseled in concrete, called 25-L. MGL. (USE 53)	171.2
TURNER. Approximately 1.5 mi SE of; 3 mi W of Watkins Cor; about 0.25 mi S of pavement on hwy; in front of white farmhouse owned by D. J. Clatworthy; approximately on Monroe-Phillips Co line; 75 ft E of c/l of dirt rd; on outside of curve in rd; brass cap on iron pipe set in concrete, stamped USED Trav Sta 84. MGL. (USE 53)	166.6
TURNER. 0.5 mi S and 2 mi E of; on hwy; at cor of sec 3 and 34, T3S-R1E; on NW cor of S headwall of concrete culvert; chiseled cross, called 26-L. MGL. (USE 67)	177.190
TURNER. 2.25 mi E of and 0.5 mi S of; 65 ft E of SE cor of garage; 45 ft N of St Route 1. Brass cap on iron pipe set in concrete, stamped USED 308-514. MGL. (USE 67)	175.96
TURNER. 0.5 mi S and 4.5 mi E of; 1 mi E of hwy and 1 mi E of Watkins store; 500 ft SW of farmhouse; in open pasture; in S root of 24-inch sassafras tree; copper nail and washer, called	

Name and description	Elev. ft.
28-L. MGL. (USE 67)	178.280
TURNER. 6 mi E and 2 mi S of; 4 mi SW of Trenton; 30 ft N of Big Creek; in sec 9, T3S-R2E; in S root of 28-inch oak tree; copper nail and washer, called R-45. MGL. (USE 67)	157.540
TURNER. 6 mi E and 2.5 mi S of; 100 ft W of large slough; in sec 17, T3S-R2E, in W root of 28-inch oak tree; copper nail and washer, called R-46. MGL. (USE 67)	156.420
WABASH. See Oldtown Landing. (USE 42)	
WABASH. Est. (MRC 143)	170.
WEST HELENA. Top of rail opposite M&NA RR station. MSL. (USC&GS 17)	254.6
WEST HELENA. 49 ft N of NE cor of M&NA RR station; about 0.25 poles SE of pole 352-29, and 46 ft E of c/l of main track. Standard disk, stamped "Y 14 1932" and set in top of concrete post. MSL. (USC&GS 17)	252.486
WEST HELENA. Top of rail opposite M&NA RR milepost 352. MSL. (USC&GS 17)	241.7
WEST HELENA. On St Hwy 20, about 150 yards SE of an interurban car line siding; about 200 ft E of street running S, 43 ft N of c/l of hwy, 29 ft W of c/l of private driveway, 19 ft N of interurban car track. Standard disk, stamped "X 14 1932" and set in top of concrete post. MSL. (USC&GS 17)	272.408
WEST HELENA. In city of; at intersection of Plaza on fourth street; across street from Helena Ice Company. Cross mark on NE curb on N side of Plaza. MGL. (USE 58)	260.555
WEST HELENA. First bridge on St Route 20 E of; cross mark on SE cor of S concrete bridge rail. MGL. (USE 58)	253.323
WEST HELENA. Half-way down first steep grade E of; inside fence line N of and about even with old barn and silo. Copper nail and washer in S root of 10-inch wild cherry tree. MGL. (USE 58)	257.033
WEST HELENA. 0.5 mi NW of; on St Route 20; 100 ft SW of small green store; 30 ft S of c/l of RR	

Name and description	Elev. ft.
track; 40 ft N of St Route 20; 40 ft W of grade crossing; in line with N edge of W tangent of St Route 20. Brass cap on iron pipe set in concrete, stamped USED N-14-2. MGL. (USE 58)	241.581
WEST HELENA. Approximately 2 mi W of; on St Route 20; 0.3 mi E of filling station at intersecting rd leading N; 200 ft NW of china tree clump in cotton field. Cross mark on SE cor of S headwall of concrete culvert. MGL. (USE 58)	218.846
WEST HELENA. Top of rail opposite M&NA RR milepost 350. MSL. (USC&GS 17)	220.3
WEST HELENA. Top of rail opposite M&NA RR milepost 349. MSL. (USC&GS 17)	225.6
WEST HELENA. Approximately 3.5 mi W of St Route 20; about 1,000 ft W of RR crossing, 50 ft W of SW cor of cemetery; 100 ft E of old gas station. Brass cap on iron pipe set in concrete, stamped USED N-14-1. MGL. (USE 58)	210.443
WEST HELENA. Top of rail opposite M&NA RR milepost 348. MSL. (USC&GS 17)	210.8
WEST HELENA. Top of rail opposite M&NA RR milepost 346. MSL. (USC&GS 17)	199.8
WEST HELENA. Top of rail at crossing of M&NA RR and MP RR. MSL. (USC&GS 17)	203.3
WESTOVER. See Kangaroo Point. (USE 91)	
WESTOVER. See Oldtown. (USE 91)	
WESTOVER. 318.5 river mi below Cairo, Ill. TBM is at; about 60 ft below point where ferry rd joins ramp; 40 ft from toe of old levee; in W root of 18-inch cottonwood tree. Copper plate in triangular blaze on tree is stamped, TBM 23-T. Brass nail and copper washer. MGL. (USE 91)	178.907
WESTOVER. 319.1 river mi below Cairo, Ill. Lat 34° 23' 19.38" (±597 m); long 90° 39' 24.54" (±627 m). Azimuth from LMP 13/14 to BM 13/14 148° 28', distance 131.5 ft. Reference 13/14; elev 177.60. Azimuth from BM 13/14 to reference 13/14 58° 27' 50", distance 609.2 ft. BM and reference are standard levee BM's. BM 13/14	

Name and description	Elev. ft.
WRLD (USE). MGL. (USE 91)	178.50
WESTOVER. 317.5 river mi below Cairo, Ill. TBM is on 34-inch oak tree on landside of levee; 700 ft below levee milepost 11/12; at N edge of false berm; 100 ft W of toe of levee. Copper nail and washer. Copper plate on tree in triangular blaze, stamped TBM 21-T-A. MGL. (USE 91)	176.70
WESTOVER. 320.0 river mi below Cairo, Ill. Lat 34° 22' 59.84" (+1844 m); long 90° 40' 19.14" (+489 m). Azimuth from LMP 14/15 to BM 14/15 193° 28', distance 164.3 ft. Azimuth from 14/15 to reference 14/15 103° 27' 40", distance 700.1 ft. Reference 14/15; elev 171.71. BM and reference are standard levee BM's. BM 14/15 WRLD. MGL. (USE 91)	172.13
WESTOVER. 320.0 river mi below Cairo, Ill. Position not known. BM is on rt bank; 225 ft due N of a point 220 ft below WRLD milepost 14/15; 747.5 ft SE of tenant house; in small section of unbroken ground; 225 ft N of landside toe of levee. Standard USED tile and pipe; cap is stamped 60-34. BM 60-34-A. MGL. (USE 91)	Cap 172.58 Base 168.62
References. LMP 14/15, S 23° 00' - E 467 ft; 40-inch twin white oak tree S 37° 30' - E 20 ft; 30-inch white oak tree N 65° 00' - W 66 ft. MGL. (USE 91)	
WESTOVER. 320.0 river mi below Cairo, Ill. TBM is N 26° W 487 ft of WRLD milepost 14/15; 225 ft from toe of levee; 15 ft W of fence; in N root of 40-inch twin oak tree; copper plate in triangular blaze on tree is stamped TBM 40-T. Brass nail and copper washer. MGL. (USE 91)	171.23
WESTOVER. 316.5 river mi below Cairo, Ill. Mark is on inside of levee at LMP 10/11; on false berm of new levee; on W root of 20-inch elm tree; copper nail and washer; copper plate, stamped TBM 21-T, in triangular blaze on tree. MGL. (USE 91)	176.73
WESTOVER. 316.5 river mi below Cairo, Ill. Mark is on 40-inch oak tree; about 2.5 mi above; about 500 ft below LMP 10/11; in barn yard; 125 ft SE of tenant house; 35 ft N of barn; copper nail	

Name and description		Elev. ft.
and washer; copper plate, stamped TBM 20-T. MGL. (USE 91)		184.40
WESTOVER. 320.0 river mi below Cairo, Ill. Lat 34° 22' 43.5" (+1340 m); long 90° 39' 53.7" (+1371 m). BM is 1.5 mi SW of Westover Ferry Landing; 370.4 ft W of old milepost 14; between old levee and new loop; 15 ft SW of tenant house; 60 ft E of stable; 4 ft E of lot fence. Standard USED tile and pipe. R 110 2-10 (USE). MGL. (USE 91)	Cap	191.3
	Base	187.3
WESTOVER LANDING. 318.5 river mi below Cairo, Ill. BM is at; 275 ft W of point where Ark St Hwy 20 crosses old levee; 140 ft NW of toe of old levee; 25 ft SE of rd running SW and NE and joining Hwy 20, about 100 ft N of toe of old levee; directly across river from Friar Point, Miss; about 650 ft river side of new levee. Standard USED tile and pipe. BM 49-34 (USE). MGL. (USE 91)	Cap	179.64
	Base	175.69
WESTOVER LANDING. 318.2 river mi below Cairo, Ill. TBM is in NE side of 10-inch persimmon tree, about 0.5 mi above; 1,000 ft above point where Ark St Hwy 20 crosses levee (Friar Point Ferry rd); 365 ft N NW of levee milepost 12/13. Copper nail and washer; copper plate, stamped TBM 22-T in triangular blaze on NE side of tree. MGL. (USE 91)		178.15
WESTOVER LANDING. 317.0 river mi below Cairo, Ill. Position unknown. BM is about 1.5 mi above; 125 ft landside of toe of levee; opposite point 700 ft below LMP 11/12; on NE edge of old dry lake or bayou; 35 ft N of 34-inch pin oak tree with triangular blaze facing mark; at N edge of false berm where false berm stops. Standard USED tile and pipe. BM 25/4 A (USE). MGL. (USE 91)	Cap	179.64
	Base	175.69
WILDWOOD CHANNEL. 359.3 river mi below Cairo, Ill. TBM is about 2.25 mi below mouth of Chute of Island 66; 225 ft back of top of bank, in woods; back of; light 1934; on upstream face of 30-inch elm tree. Copper plate in triangular blaze in river side of tree stamped TBM 6-V. TBM is brass nail and copper washer. MGL.		

Name and description	Elev. ft.
(USE 92)	167.39
References. 8-inch elder tree 12 ft riverward; 20-inch elm tree 25 ft upstream. MGL. (USE 92)	
WILDWOOD CHANNEL. 359.8 river mi below Cairo, Ill. TBM is about 0.5 mi below; light, 1934; about 2,000 ft above Ludlow Landing; 50 ft back of top bank, on 22-inch pecan tree. TBM is 40 penny nail. SS 72. MGL. (USE 92)	166.12
WYCAMP. Station. (MP 243)	211.6
ZENOR TOWHEAD. 362.5 river mi below Cairo, Ill. BM is on lower end of; about 1,200 ft above its foot; 350 ft back of river bank; 20 ft back of top bank of chute. BM is standard USED 4-inch pipe and tile. BM 82-A (USE). MGL. (USE 92)	
Cap	159.70
Base	155.73
ZENOR TOWHEAD. 361.7 river mi below Cairo, Ill. TBM is on; about 1,500 ft below its head; 300 ft back of top bank. BM is standard USED 4-inch pipe and tile. BM 79-B (USE). MGL. (USE 92)	
Cap	160.78
Base	156.81
References. 6-inch willow tree S 50° 37' - W 7.3 ft; 10-inch cottonwood tree S 74° 15' - E 16 ft. MGL. (USE 92)	

CROSS INDEX TO LEVEL LINES IN

PRAIRIE COUNTY

Line No. 6

Cuneo
Screeton

Line No. 27

Biscoe
Brasfield
DeValls Bluff
Hazen
Mesa

Line No. 41

Biscoe
Brasfield
Des Arc
DeValls Bluff
Mesa

Line No. 48

Crossroads
Cuneo Switch
Des Arc
Green Grove Church
Hazen
Hickory Plains
Mesa
Rogers Chapel

Line No. 111

Plunketts

Line No. 189

Hazen
Mesa

Line No. 246

Aurich
Bardell
Fairmont
Hazen
LaGrue (2)
Leighton
Ulm
Veits

Line No. 16

Hazen
Slovac
Stuttgart
Ulm

Line No. 35

Mesa
Prairie Chapel School
Roe
Ulm

Line No. 46

Des Arc

Line No. 56

Des Arc
Jasmine Spur

Line No. 175

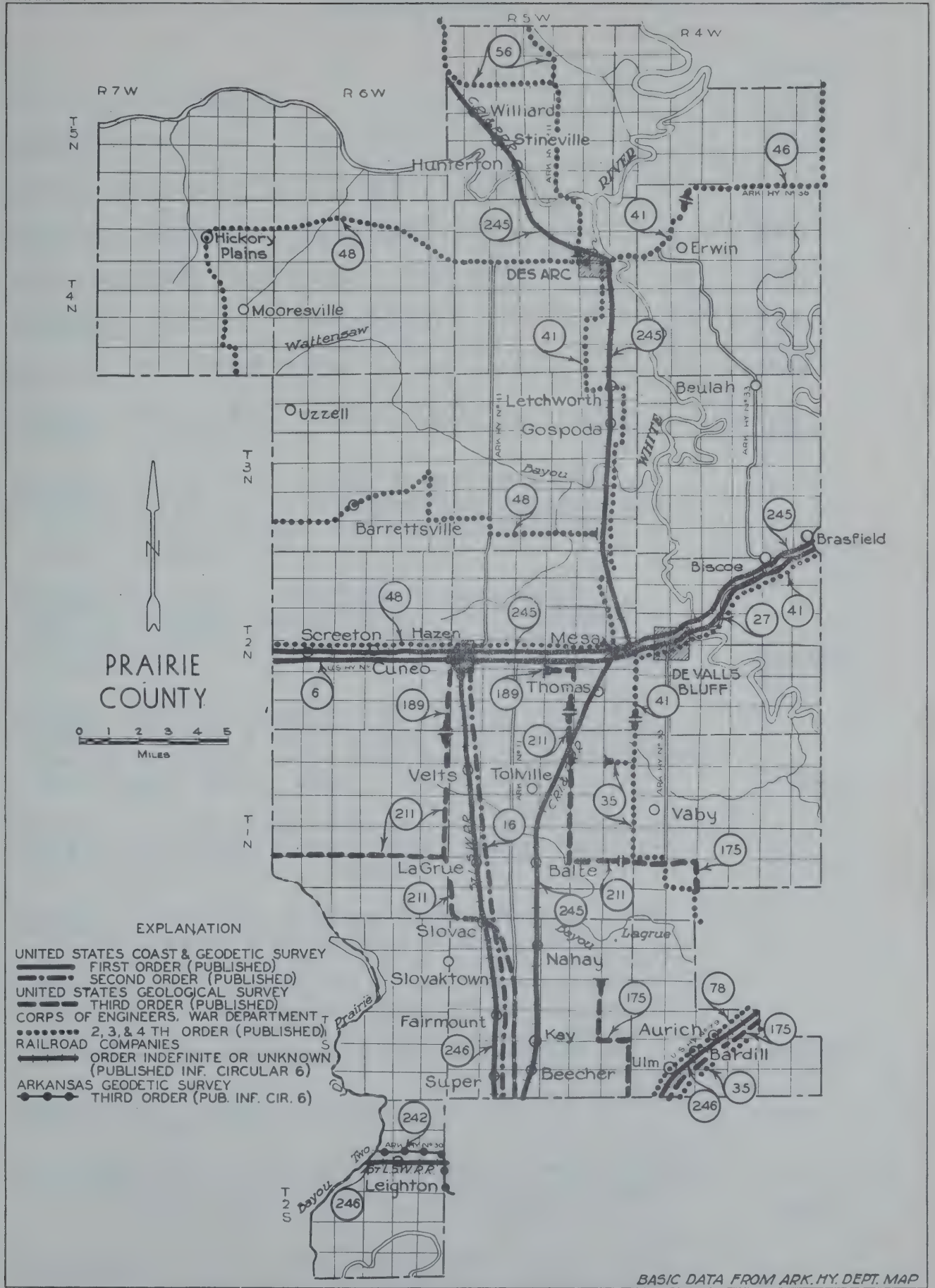
Fairmont
Mesa
Ulm

Line No. 211

Hazen
Mesa
Slovac
Zion Church

Line No. 245

Balle
Beecher
Des Arc
Gospoda
Hazen
Hunterton
Letchworth
Nahay
Stineville
Thomas
Tollville
Yuma



BASIC DATA FROM ARK. HY. DEPT. MAP

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Name and description	Elev. ft.
AURICH. Station. (SLSW 246)	229.05
BALLE. Station. (CRI&P 245)	210.
BARDELL. Station. (SLSW 246)	230.00
BAYOU LA GRUE. RR bridge. (AGS 254)	191.62
BEECHER. Station. (CRI&P 245)	220.
BEULAH. Est. (MRC III)	190.
BISCOE. Top of rail opposite CRI&P Ry station. MSL. (USC&GS 27)	189.5
BISCOE. 300 ft W of depot; 5 ft N of N rail of track; on SW cor of N headwall of concrete culvert. Cross cut in concrete called "22-F." MGL. (USE 41)	188.26
BISCOE. 10 rails W of CRI&P Ry station in E end of concrete culvert and 5 ft N of track. Standard disk, stamped "D 31 1933." MSL. (USC&GS 27)	188.041
BISCOE. 23F (?). About 1 mi W along CRI&P Ry, about 22 poles W of milepost 83, on NE cor of 6-inch offset on cable box, and 4 ft N of track. White paint mark. MSL. (USC&GS 27)	191.640
BISCOE. 1 mi W of on CRI&P Ry; 50 ft SW of pole 83+23; on signal battery box. Cor of connection housing. MGL. (USE 41)	191.92
BISCOE. About 2 mi W along CRI&P Ry, near W end of first curve W of station about 1 mi E of White River bank, 247 ft S of tenant house belonging to Dr. Odum, 26 ft N of track, and about 20 ft S of fence. Standard triangulation sta disk, stamped "ODUM 1916 BM 1920" and set in top of concrete post. MSL. (USC&GS 27)	184.622
BRASFIELD. Top of rail opposite CRI&P Ry station. MSL. (USC&GS 27)	190.5
BRASFIELD. At CRI&P Ry bridge across Cache River, on N end of top of E pier. Cross cut in concrete marked "US 21-F." MGL. (USE 41)	183.64
BRASFIELD. At 21 F (?). About 450 ft E of CRI&P Ry station about 15 poles W of milepost 80, on top of E pier of bridge, 80.5 over Cache	

Name and description	Elev. ft.
River and 8 ft N of track. Chiseled cross within a chiseled square. MSL. (USC&GS 27)	183.415
BRASFIELD. About 0.25 mi W along CRI&P Ry, at first curve W of station about 22 ft N of track. Standard triangulation Sta disk stamped "Brasfield BM 1916 1920" and set in top of concrete post. (133) MSL. (USC&GS 27)	190.111
BRASFIELD. Top of rail opposite CRI&P Ry milepost 80. (USC&GS 27)	183.3
BRASFIELD. 1 mi E of; along CRI&P Ry; on NW cor of W end of trestle #785. Cross on bolt-head called "20-F." MGL. (USE 41)	182.56
BRASFIELD. Top of rail opposite CRI&P Ry milepost 79. MSL. (USC&GS 27)	183.8
BRASFIELD. Top of rail opposite CRI&P Ry milepost 78. MSL. (USC&GS 27)	183.8
CROSS ROADS. 1.3 mi NW of; on rd from Waltens Chapel to Hickory Plains; at angle in rd; 20 ft E of c/l of rd; 70 ft NE of SE cor of field; in SW root of 26-inch post oak tree. Copper nail and washer. MGL. (USE 48)	237.620
CROSS ROADS. 2.1 mi NW of; on rd to Hickory Plains; in woods, 20 ft W of rd; 25 ft N of NW cor of field; in SE root of 18-inch sweet gum tree. Copper nail and washer. MGL. (USE 48)	233.447
CROSS ROADS. 3.15 mi NW of; on rd to Hickory Plains; on curve in rd; 25 ft W of rd; in front of Forrest Williams' residence; in NE root of 20-inch red oak tree. Copper nail and washer. MGL. (USE 48)	259.952
CUNEO. Traverse Station. About 0.6 mi W along CRI&P Ry from signboard at switch at; about 18.25 poles W of milepost 96, 49 ft W of iron whistle post, and 30 ft N of track. Standard triangulation-sta disk, stamped "CUNEO" 1916 BM 1920 and set in top of concrete post. MSL.. (USC&GS 6)	236.564
Reference Mark. About 0.6 mi W along CRI&P Ry from signboard at switch at Cuneo, about 18.25 poles W of milepost 96, about 66 ft N of traverse station Cuneo, described above, and at N fence line. Standard reference mark disk, stamp-	

Name and description	Elev. ft.
ed "CUNEO" and set in top of concrete post. MSL. (USC&GS 6)	236.86
CUNEO SWITCH. About 0.5 mi E of mile board; 50 ft W of whistle post; on right-of-way of CRI&P Ry and about 30 ft N of track. A concrete post with disk in top, called "Cuneo." MGL. (USE 48)	236.901
DES ARC. At station. (CRI&P 245)	198.
DES ARC. In town of; at water tank of CRI&P Ry; on granite foundation block which is closest to RR and farthest N; on SW cor. Cross cut in granite. MGL. (USE 41)	204.36
DES ARC. In town of; in courthouse yard; 65 ft SE of SE cor of courthouse; 2 ft W of E fence line; 2 ft N of S fence line. Brass cap on iron pipe set in concrete and stamped "USED 1929." Top cap. MGL. (USE 41)	203.04
DES ARC. In town; in courthouse yard; 150 ft SW of SW cor of courthouse; 35 ft N of S fence line; 2 ft E of W fence line. Brass cap on iron pipe set in concrete and stamped "USED 1929." MGL. (USE 41)	203.40
DES ARC. In town of; in school yard; 200 ft NW of schoolhouse; 200 ft S of CRI&P Ry; 150 ft E of street; 300 ft N of St Route 38; 5x8-inch stone post. Bronze cap in top of post and stamped "USC&G Magnetic Sta." MGL. (USE 41) MGL. (USE 48)	202.30 202.296
DES ARC. About 500 ft W of business sec at; 60 ft N of St Route 38; 20 ft E of Presbyterian Church; in S root of 30-inch red oak tree, copper nail and washer. MGL. (USE 41)	203.74
DES ARC. 0.25 mi W of; on St Route 11:500 ft W of house with cedar tree in yard; on SW cor of S headwall of concrete culvert. Square cut in concrete. MGL. (USE 48)	201.441
DES ARC. About 1 mi S of RR station at; 500 ft W of large stave mill shed; about 250 ft W of CRI&P Ry track; on E side of dirt rd; in root of 24-inch red oak tree; copper nail and washer, called "717." MGL. (USE 41)	197.58

Name and description	Elev. ft.
DES ARC. 1 mi E of E end of hwy bridge at; 400 ft S of St Route 38; on outside of curve; about 100 ft SW of cotton gin. Brass cap on iron pipe set in concrete stamped "USED K-13-3." MGL. (USE 41)	193.589
DES ARC. About 2 mi S of; 120 ft N of crossroads; 200 ft W of CRI&P Ry track; on W side of dirt rd; in E root of 12-inch persimmon tree, copper nail and washer. MGL. (USE 41)	199.54
DES ARC. 2 mi E of E end of toll bridge over White River on S edge of St Route 38; in root of 36-inch elm tree, copper nail and washer. MGL. (USE 41)	196.156
DES ARC. 3 mi W of; on St Route 11; at intersection with dirt rd to N; 90 ft W of filling station in N root of 38-inch post oak tree, copper nail and washer. MGL. (USE 48)	211.253
DES ARC. About 3.5 mi NW of; 2.5 mi NW of junction of St Routes 11 and 38; at bridge over Des Arc Bayou; in abutment timber at NE cor of bridge, copper nail and washer. MGL. (USE 56)	196.074
DES ARC. 4 mi W of; on rd to Hickory Plains; 35 ft S of rd; 120 ft W of St Route 11; on outside of curve; 100 ft SW of old gas station; 3 ft S of fence and 70 ft W of fence cor. Brass cap on iron pipe set in concrete and stamped "USED J-13-116." MGL. (USE 48)	211.859
DES ARC. About 4 mi NE of E end of toll bridge at; along St Route 38; at house; on N side of hwy; in root of 36-inch oak tree, copper rivet and washer. MGL. (USE 46)	199.92
DES ARC. About 4.5 mi S of; at Letchworth; 110 ft SW of RR station; 30 ft W of c/l of main track; 300 ft E of red barn and in line with S end of barn; 20 ft E of c/l of dirt rd. Brass cap on iron pipe set in concrete, stamped "USED K-13-2." MGL. (USE 41)	204.593
DES ARC. About 4.5 mi S of; about 0.75 mi E of Letchworth at crossroads; 100 ft back of row of mail boxes at cor; in root of 18-inch oak tree, copper nail and washer. MGL. (USE 41)	206.541
DES ARC. About 4.7 mi NW of; 1.2 mi N of bridge over Des Arc Bayou; 70 ft W of c/l of hwy; on	

Name and description	Elev. ft.
NE root of 16-inch red oak tree, copper nail and washer. MGL. (USE 56)	189.115
DES ARC. About 5 mi NE of E end of toll bridge at; along St Route 38; in fence line on S side of hwy; in root of 20-inch oak tree, copper rivet and washer. MGL. (USE 46)	180.15
DES ARC. About 5.5 mi S of; 50 ft E of St Timothy Schoolhouse; in E root of 30-inch white oak tree, copper nail and washer. MGL. (USE 41)	199.525
DES ARC. 5.6 mi NW of; in front of J. B. Hart's residence; in W side of hwy; in E root of 14-inch post oak tree, copper nail and washer. MGL. (USE 56)	195.730
DES ARC. About 6 mi S of; about 0.75 mi S of St Timothy Schoolhouse; 400 ft S of T-rd running W; 50 ft E of rd; in W root of 26-inch red oak tree, copper nail and washer. MGL. (USE 41)	192.078
DES ARC. 7.2 mi NW of; where St Route 11 turns due W; 20 ft N of c/l of hwy; in S root of 12-inch post oak tree, copper nail and washer. MGL. (USE 56)	205.754
DES ARC. About 7.25 mi S of; 100 ft N of bridge over Wattensaw Creek, at gate on W side of rd; in E root of 26-inch white oak tree, copper nail and washer. MGL. (USE 41)	187.534
DES ARC. About 8 mi S of; about 5 mi N of Mesa; 0.75 mi S of Wattensaw Creek; in woods on W side of rd; 500 ft N of small bridge over slough; 150 ft E of cor of cleared field; 20 ft S of cor of rail fence; in E root of 26-inch white oak tree, copper nail and washer. MGL. (USE 41)	184.363
DEVALLS BLUFF. Top of rail opposite CRI&P Ry station. MSL. (USC&GS 27)	191.9
DEVALLS BLUFF. In Well's front yard half way between house and top of bank at; 30 ft from house and 30 ft from bank of river. Square stone in post. Top of post. MGL. (USE 41)	209.230
DEVALLS BLUFF. Across river from; 1,000 ft E of White River; 119 ft S Ry track; in edge of woods. Concrete post with disk in top called	

Name and description	Elev. ft.
"USC&G Tank" MGL. (USE 41)	184.080
DEVALLS BLUFF. About 0.6 mi W along CRI&P Ry from station at; about 260 ft E of culvert under a fill, on top of hill; about 50 ft S of track; 15 ft S of edge of a cut. Standard triangulation-sta disk, stamped "BLUFF 1916 BM 1920" and set in top of concrete post. MSL. (USC&GS 27)	212.263
MGL. (USE 41)	212.561
DEVALLS BLUFF. 0.75 mi NE of; concrete pier at W end of draw span of hwy bridge over White River; on steel bridge seat at Weather Bureau Gage. Top of seat. MGL. (USE 41)	187.102
DEVALLS BLUFF. 0.75 mi NE of; concrete pier at W end of draw span of hwy bridge over White River; gage on downstream end, facing shoreward. 33 ft mark on gage. MGL. (USE 41)	186.102
DEVALLS BLUFF. About 0.75 mi E along CRI&P Ry from station at; on Eastern slope of last small hill N of track before White River flats; 55 ft N of track; 7 ft N of right-of-way fence. Standard triangulation-sta disk, stamped "WHITE 1916 BM 1920" and set in top of concrete post. MSL. (USC&GS 27)	191.112
DEVALLS BLUFF. About 1 mi S of and 1 mi W of; on E side of rd; in front of two story house; in root of 30-inch oak tree, copper nail and washer. MGL. (USE 41)	215.206
DEVALLS BLUFF. About 1.5 mi E along CRI&P Ry from; about 15 rails E of White River bridge; about 33 poles W of milepost 84, and 190 ft S of track. Standard triangulation-sta disk, stamped "TANK 1916 BM 1920" and set in top of concrete post. MSL. (USC&GS 27)	183.671
DEVALLS BLUFF. About 2 mi S of and 1 mi W of; on E side of rd; opposite a house; in root of 18-inch oak tree, copper nail and washer. MGL. (USE 41)	217.289
ENARC. Est. (MRC III)	190.
FAIRMOUNT. Station. (SLSW 246)	247.10
FAIRMOUNT. T1S-R5W, $\frac{1}{4}$ cor between secs 11 and 14, 25 ft S and 15 ft E of center of T-rd N and 25	

Name and description	Elev. ft.
ft S and 15 ft W of center of T-rd S, in base of cor fence post; rail spike, marked "USBM 208.8." MSL. (USGS 175)	208.72
FAIRMOUNT. T1S-R5W, cor secs 13, 14,23 and 24 25 ft N and 45 ft W of center of T-rd E at, in base of power transmission line pole, rail spike, marked "USBM 211.9." MSL. (USGS 175)	211.80
FAIRMOUNT. T1S-R5W, 20 ft N and 25 ft W of center of T-rd W, at E cor of secs 14 and 25, 15 ft S and 25 ft W of center of T-rd E of W cor secs 19 and 30, in base of power transmission line pole; rail spike, marked "USBM 208.4." MSL. (USGS 175)	208.30
FREDONIA. Est. (MRC III)	185.
GOSPODA. Station. (CRI&P 245)	201.
GREEN GROVE CHURCH. 0.5 mi S of on St Route 11; 20 ft W of hwy; 150 ft N of T-rd; in E root of 24-inch white oak tree, copper nail and washer. MGL. (USE 48)	214.286
GREEN GROVE CHURCH. 0.75 mi W of; 20 ft N of rd in small woods, in S root of 15-inch oak tree, copper nail and washer. MGL. (USE 48)	219.610
GREEN GROVE CHURCH. About 1.5 mi W of; 120 ft NE of Buzzardwing School; in N root of 15-inch sweet gum tree, copper nail and washer. MGL. (USE 48)	216.449
GREEN GROVE CHURCH. 0.5 mi S of and 1 mi E of; 2 mi W of Cedar Ridge School; 60 ft S of Ring Grove School; in N root of 20-inch sweet gum tree, copper nail and washer. MGL. (USE 48)	215.181
GREEN GROVE CHURCH. 0.5 mi S of and 2 mi E of; 1 mi W of Cedar Ridge School; 200 ft W of crossroads; in N root of 18-inch red oak tree, copper nail and washer. MGL. (USE 48)	201.960
GREEN GROVE CHURCH. 0.5 mi S of and 3 mi E of; 1.5 mi S of Wattensaw Creek; about 800 ft N of Cedar Ridge Schoolhouse; in root of 26-inch oak tree, copper nail and washer. MGL. (USE 48)	204.979
HALLS. Est. (MRC 107)	215.

Name and description	Elev. ft.
HAZEN. See Green Grove Church. (USE 48)	
HAZEN. See Rodgers Chapel. (USE 48)	
HAZEN. Station. (SLSW 246)	234.52
HAZEN. Station. (CRI&P 245)	229.
HAZEN. On CRI&P Ry in RR park, about 325 ft W of semaphore, 108 ft W of W sidewalk on Main Street, and 83 ft S of main track. Standard disk, stamped "S" and set in top of concrete post. MSL. (USC&GS 27)	231.587
MGL. (USE 48)	231.944
HAZEN. Traverse sta. About 1 mi W along CRI&P Ry, about 70 ft W by S of twelfth pole W of milepost 94, and about 15 ft N of track. Standard triangulation sta disk, stamped "HAZEN 1916 BM 1920" and set in top of concrete post. MSL. (USC&GS 27)	231.909
MGL. (USE 48)	232.249
Reference Mark. About 1 mi W along CRI&P Ry, about 69 ft W of twelfth pole W of milepost 94, and about 31 ft N of traverse sta Hazen, described above. Standard reference mark disk, stamped "HAZEN 1916 BM 1920" and set in top of concrete post. MSL. (USC&GS 27)	230.964
HAZEN. 1 mi S of; along St Hwy 11, hwy turns S and E, 4 ft S and 4 ft W of fence cor, 24 ft N and 27 ft W of T-rd E, in front yard of Bob Larkin's house, in S root of N sycamore tree; copper nail and washer. MSL. (USGS 189)	229.94
HAZEN.T.About 1.5 mi E along CRI&P Ry, at pole 91-31, and 4 inches from SW cor of concrete culvert. An outlined square. MSL. (USC&GS 27)	226.161
HAZEN. Top of rail opposite SLSW Ry milepost 250. MSL. (USC&GS 16)	223.4
HAZEN. 2 mi S of; along St Hwy 11; 15 ft E of center of rd, 550 ft S of River Road W, top of concrete culvert; chiseled square. MSL. (US GS 189)	225.60
HAZEN. About 2 mi S along SLSW Ry, about 20 poles N of milepost 250, 30 ft S of c/l of sec line rd crossing, 49 ft W of c/l of track, and 11 ft S by E of pole supporting brace to power trans-	

Name and description	Elev. ft.
mission line pole. Standard disk, stamped "K 14 1932" and set in top of concrete post. MSL. (USC&GS 16)	224.491
HAZEN. Top of rail opposite SLSW Ry milepost 252. MSL. (USC&GS 16)	230.4
HAZEN. 3 mi S of; along St Hwy 11, 28 ft N and 30 ft E of center of crossroads, 4 ft from fence cor, SW cor of sec 31-T2N-R5W, in top of concrete post; bronze tablet stamped "No. 27 W 1928," also "224." MSL. (USGS 211)	223.513
HAZEN. About 3 mi E of along CRI&P Ry; 4 inches from SW cor of a concrete culvert at telegraph post 9131. An outlined square. MGL. (USE 48)	226.540
HAZEN. Top of rail opposite SLSW Ry milepost 253 MSL. (USC&GS 16)	231.8
HAZEN. 4 mi S of; along St Hwy 11, 27 ft N and 50 ft E of center of T-rd E, SW cor of sec 6-T1N-R5W, S root of 24-inch oak tree; copper nail and washer. MSL. (USGS 211)	212.81
HAZEN. About 4.5 mi S along SLSW Ry, at siding of Speer, about 100 yds N of large frame warehouse, 11 ft N of seventh pole N of milepost 248, 76 ft S by E of N switch point, and 44 ft E of c/l of main track. Standard disk, stamped "J 14 1932" and set in top of concrete post. MSL. (USC&GS 16)	212.582
HAZEN. 5 mi S of; along St Hwy 11, 20 ft S and 21 ft E of center of T-rd W, 6 ft N and 21 ft E of center of gate, 3 ft N of power line pole, top of concrete post; bronze tablet stamped "No. 26 W 1928," 212. MSL. (USGS 211)	212.139
HAZEN. 5.25 mi S of; along St Hwy 11, 45 ft W of rd, S root of 24-inch oak tree, in front of vacant house; copper nail and washer. MSL. (USGS 211)	213.02
HAZEN. T1N-R6W, NW cor of NE¼ of sec 24, 6.25 mi S of; along St Hwy 11; 100 ft N and 27 ft E of center of T-rd W, 69 ft S of cor fence post, 3 ft E of power line pole, driven in ground; top of Ford axle. MSL. (USGS 211)	213.29
HAZEN. 6.5 mi S and 1 mi W of; 25 ft S and 300 ft E of center of dim crossroads and T-rd S, in	

Name and description	Elev. ft.
NW root of 10-inch oak tree; copper nail and washer, painted "215.6." MSL. (USGS 211)	215.80
HAZEN. 6.5 mi S and 2 mi W of; 25 ft N and 335 ft E of center of crossroads, S root of maple tree in line with fence; copper nail and washer, painted "214.2." MSL. (USGS 211)	214.40
HAZEN. 6.5 mi S and 3 mi W of; 18 ft S and 130 ft E of center of rd in front of two story frame house (not painted), 54 ft W of canal crossing rd, top of concrete post; bronze tablet stamped "No. 50 W 1929," painted "218.4." MSL. (USGS 211)	218.519
HAZEN. 6.5 mi S and 3.5 mi W of; (?) ft S of center of rd, about 0.25 mi E of sawmill and house, in fence line, in N root of 20-inch oak tree; copper nail and washer, painted "219.4." MSL. (USGS 211)	219.55
HICKORY PLAINS. Est. (USGS 189)	240.
HICKORY PLAINS. In town of; 40 ft SE of intersection of dirt rd; 110 ft E of L. H. Roger's store; 115 ft SE of P O. Brass cap on iron pipe set in concrete, stamped "USED J-13-75." MGL. (USE 48)	249.255
HICKORY PLAINS. In town of; 275 ft SE of P O; 35 ft S of dirt rd to DesArc; in N root of 28-inch red oak tree; copper nail and washer. MGL. (USE 48)	250.205
HICKORY PLAINS. 1 mi E of on dirt rd to DesArc; 15 ft S of rd; in front of John Swindele's residence; in N root of 30-inch red oak tree; copper nail and washer. MGL. (USE 48)	225.417
HICKORY PLAINS. 2.15 mi E of on dirt rd to DesArc; 40 ft S of rd; in front of John R.Morrison's residence; in N root of 38-inch red oak tree; copper nail and washer. MGL. (USE 48)	209.276
HICKORY PLAINS. 3 mi E of on rd to DesArc; 30 ft N of c/l of rd; in front of A. L. Lindermon's residence; in SW root of 12-inch hickory tree; copper nail and washer. MGL. (USE 48)	205.509
HICKORY PLAINS. 4 mi E of on rd to DesArc; on N edge of rd and S edge of cemetery; in S root of 12-inch hickory tree; copper nail and washer. MGL. (USE 48)	202.668

Name and description	Elev. ft.
HICKORY PLAINS. 4.5 mi E of on rd to DesArc; 43 ft SE of intersection of dirt rds; 80 ft S of Sinclair Gas station; 150 ft NE of red house on S side of rd; 10 ft NW of fence in line with fence line tangent to E. Brass cap on iron pipe, stamped "USED J-13-92." MGL. (USE 48)	203.393
HICKORY PLAINS. Carlisle rd. 4.5 mi N of Carlisle rd; about 0.75 mi E of; 500 ft W of gas line; on line on S side of rd; in root of 20-inch red oak tree; copper nail and washer. MGL. (USE 48)	227.634
HICKORY PLAINS. About 5.5 mi E of on rd to DesArc; 25 ft S of rd; 450 ft NW of old sawmill; in W root of 6-inch persimmon tree; copper nail and washer. MGL. (USE 48)	205.512
HICKORY PLAINS. Carlisle rd. 4.5 mi N of Carlisle, about 1.5 mi E; in woods directly in front of white house; about 0.75 mi E of Natural Gas Line-River Fuel Corporation; in root of 18-inch red oak tree; copper nail and washer. MGL. (USE 48)	233.660
HICKORY PLAINS. 4.5 mi N of Carlisle, about 2 mi E of; at crossroads and about 0.5 mi N of; about 1,000 ft N of grey house; in root of 20-inch red oak tree; copper nail and washer. MGL. (USE 48)	228.566
HICKORY PLAINS. About 6.5 mi E of on rd to DesArc; 25 ft S of c/l of rd; 150 ft NW of H. L. Tedford's residence; in NW root of 28-inch post oak tree; copper nail and washer. MGL. (USE 48)	207.107
HICKORY PLAINS. Carlisle rd. 4.5 mi N of Carlisle, about 3 mi E of; on outside of curve; in cor of woods where rd turns N 1.2 mi; in root of 20-inch red oak tree; copper nail and washer. MGL. (USE 48)	228.499
HICKORY PLAINS. About 7.5 mi E of on rd to DesArc; 40 ft N of c/l of rd; in S root of 36-inch red oak tree; copper nail and washer. MGL. (USE 48)	212.202
HICKORY PLAINS. Carlisle rd. 4.5 mi N of Carlisle, about 4 mi E of; 200 ft E of T-rd; 400 ft N of house; in root of 15-inch oak tree; copper nail and washer. MGL. (USE 48)	218.222

Name and description	Elev. ft.
HICKORY PLAINS. About 8.5 mi E of on rd to Des-Arc; 25 ft S of c/l of rd; in front of E. M. Vaughn's residence; in NE root of 38-inch post oak tree; copper nail and washer. MGL. (USE 48)	205.357
HUNTERTON. Station. (CRI&P 245)	198.
JASMINE SPUR. At station of; 50 ft W of curve in St Route 11; 40 ft E of c/l of CRI&P Ry; 175 ft NW of telegraph pole 21-25; 150 ft S of angle pole in power line; 12 ft E of telephone line; in line with c/l of N tangent of St Route 11 extended. Brass cap on iron pipe set in concrete, stamped "USED J-12-14." MGL. (USE 56)	203.385
JASMINE SPUR. About 1.1 mi E of; 15 ft N of vacant cabin; 20 ft S of c/l of hwy; in NW root of 8-inch post oak tree; copper nail and washer. MGL. (USE 56)	199.741
JASMINE SPUR. 1.5 mi N of; 1,000 ft N of where woods rd crosses hwy; 35 ft E of c/l of hwy; on W root of 14-inch red oak tree; copper nail and washer. MGL. (USE 56)	202.800
JASMINE SPUR. About 2 mi E of; 250 ft W of W. K. Turnage's residence; on N edge of rd; in SE root of 18-inch black gum tree; copper nail and washer. MGL. (USE 56)	194.064
JASMINE SPUR. 2 mi N of; 3.5 mi E and 2 mi S of Griffithville; where St Route 11 turns due W; at point of intersection of tangents on St Route produced; 30 ft SE of cor power pole; on small knoll on outside of curve. Brass cap on iron pipe set in concrete. MGL. (USE 56)	207.377
JASMINE SPUR. 2.5 mi E of; 20 ft E of Vandiver's filling station in NW root of 16-inch willow oak tree; copper nail and washer. MGL. (USE 56)	202.386
KAY. Station. MSL. (USGS 222)	218.
LA GRUE. Station. (SLSW 246)	238.2
LEIGHTON. Station. (SLSW 246)	223.9
LETCHWORTH. Station (CRI&P 245)	201.
MESA. Top of rail opposite CRI&P Ry station.	

Name and description	Elev. ft.
MSL. (USC&GS 27)	223.9
MESA. Top of rail opposite CRI&P Ry station mile-post 90. MSL. (USC&GS 27)	230.0
MESA. About 1,000 ft W of depot; 100 ft N of RR track; on E side of dirt rd going to Letchworth; in telegraph pole. RR spike. MGL. (USE 41)	226.749
MESA. About 0.5 mi E along CRI&P Ry, about 800 ft E of point where first curve eastward begins, 475 ft E of switch stand at extreme E end of RR yard, and 62 ft S of main track. Standard tri-angulation sta disk, stamped "MESA" 1916 BM 1920 and set in top of concrete post. MSL. (USC&GS 27)	223.064
MGL. (USE 41)	223.397
MESA. 1.5 mi W and 0.5 mi S of; NE cor of sec 27-T2N-R5W; 30 ft S and 30 ft W of center of Hwy 70 and T-rd S, between cor fence post and telephone pole; top of iron rod driven in ground. MSL. (USGS 189)	222.53
MESA. About 2 mi N of; 0.25 mi S of RR crossing; 200 ft N of schoolhouse; 30 ft E of rd; in root of 30-inch oak tree; copper nail and washer. MGL. (USE 41)	209.060
MESA. About 2.5 mi W along CRI&P Ry, about 150 ft W of public rd which crosses track at a curve, and 24 ft S of track. Standard triangulation-sta disk, stamped "WECKERLE 1916 BM 1920" and set in top of concrete post. MSL. (USC&GS 27)	229.822
MGL. (USE 48)	230.159
MESA. 1.5 mi W and 1.5 mi S of; SE cor of sec 27-T2N-R5W, 25 ft N and 25 ft W of center of T-rd W, 4 ft N of cor fence post, top of concrete post; bronze tablet, stamped "37 1928." MSL. (USGS 189)	224.081
MESA. 2.2 mi W and 0.5 mi S of; SE cor of sec 21-T2N-R5W, 10 ft N and 20 ft W of center of cross-roads, top of concrete culvert; chiseled square. MSL. (USGS 189)	224.03
MESA. About 3 mi N of; at top of clay hill; 20 ft W of rd; in root of 18-inch oak tree; copper nail and washer. MGL. (USE 41)	196.117
MESA. 3 mi S of; 100 ft N of rd leading E off of	

Name and description	Elev. ft.
N-S rd; in root of 36-inch gum; copper rivet and washer. MGL. (USE 35)	200.602
MESA. 1.5 mi W and 2.5 mi S of; NW cor sec 2-T1N-R5W, 141 ft S and 66 ft E of center of T-rd W and T-rd S, on canal bank of rice field, N root of willow tree; copper nail and washer, MSL. (USGS 211)	223.40
MESA. 1.5 mi W and 3.5 mi S of; NE cor of sec 10-T1N-R5W, 33 ft S and 30 ft W of center of cross-roads, between fence and telephone pole; top of iron bar driven in ground. MSL. (USGS 211)	218.01
MESA. 5 mi S of; 2 mi N of Prairie Chapel School; 60 ft E of dirt rd; on N side of lane; in root of 24-inch oak tree; copper rivet and washer. MGL. (USE 35)	203.969
MESA. TIN-R5W, SE cor of sec 10, 1.5 mi W and 4.5 mi S of; 30 ft N and 30 ft W of center of cross-roads, 3 ft from cor fence post, SE cor of yard, top of concrete post; bronze tablet, stamped "38 W 1928." MSL. (USGS 211)	221.363
MESA. 0.5 mi W and 6.5 mi S of NW cor of sec 25-TIN-R5W, 25 ft S and 30 ft E of center of cross-roads, 4 ft E of cor fence post, top of concrete post; bronze tablet, stamped "39 W 1928." MSL. (USGS 211)	217.653
MESA. TIN-R5W, SW cor of sec 14, 1.5 mi W and 5.5 mi S of; 30 ft N and 24 ft E of center of crossroads, 1 ft S of cor fence post; top of iron bar driven in ground. MSL. (USGS 211)	213.50
MESA. 0.5 mi E and 6.5 mi S of; 4 mi N by 5 mi W of Roe, NE cor of sec 25-T1N-R5W, 30 ft S and 30 ft W of center of T-rd W, NE cor of Prairie Chapel School yard; top of iron bar, driven in ground. MSL. (USGS 175)	216.59
MESA. TIN-R5W, NW cor of sec 26, 1.5 mi W of and 6.5 mi S of; 45 ft S and 15 ft E of center of dim crossroads, about 200 ft E of house, in E root of 12-inch oak tree; copper nail and washer, MSL. (USGS 211)	207.05
MAHAY. Station. (CRI&P 245)	218.
PLUNKETTS. Village. Est. (MRC III)	182.

Name and description	Elev. ft.
PRAIRIE CHAPEL SCHOOL. Lat 34-40-57.870, long 91-28-57.060. Mark is center of top of brass cap on iron pipe, set in concrete, in Prairie Co; 3.5 mi N and 5.25 mi W of Roe; at Prairie Chapel School; in NE¼ sec 25-T1N-R5W; 150 ft S of schoolhouse; 15 ft W of N and S dirt rd; 4 ft E of fence, and in line with S edge of rd to E. USED K-14-4. MGL. (USE 35)	216.189
Note. This mark was set in 1931 and is a portion of a tape and transit traverse line from Roe to Mesa, on a line from Brinkley to Brinkley, via Clarendon, Roe, DesArc, and Cotton Plant, Arkansas.	
ROE. Monroe Co. USED K-14-15. In Prairie Co, lat 34°-34'-42".101; long 91°-23'-09"271. Mark is center of top of brass cap on iron pipe, set in concrete, in Prairie Co, 3.5 mi S of; 4 mi E of Ulm; near N¼ of sec 36-T1S-R4W; 0.5 mi W of Prairie-Monroe Co line; 25 ft SW of intersection of E and W dirt rd and dirt rd to N; 7 ft N of fence, and in line with W edge of rd to N. MGL. (USE 35)	207.854
Note. This mark was set in 1931 and is portion of tape and transit traverse line between Roe and St.Charles, on line from Roe to Pine City.	
RODGERS CHAPEL. 100 ft E of; 30 ft W of rd; in N root of 20-inch red oak tree; copper nail and washer. MGL. (USE 48)	215.953
RODGERS CHAPEL. About 1 mi SW of; 500 ft S of clearing; on E side of rd; in root of 20-inch red oak tree; copper nail and washer. MGL. (USE 48)	219.128
RODGERS CHAPEL. About 1 mi S of; about 300 ft NE of house on N side of rd; in S root of 24-inch white oak tree; copper nail and washer. MGL. (USE 48)	191.226
RODGERS CHAPEL. About 2 mi SW of; on N side of rd in cleared field; in S root of 26-inch white oak tree; copper nail and washer. MGL. (USE 48)	222.128
RODGERS CHAPEL. About 3 mi S and W of; 0.25 mi W of crossroads; 150 ft S of house on N side of rd; in root of 30-inch red oak tree; copper nail and washer. MGL. (USE 48)	224.023

Name and description	Elev. ft.
RODGERS CHAPEL. About 4 mi W and S of; 250 ft W of crossroads; 150 ft S of house; on S side of rd; in N root of 36-inch red oak tree; copper nail and washer. MGL. (USE 48)	223.052
SCREETON. See Bayou La Grue. (AGS 254)	
SCREETON. Top of rail opposite CRI&P Ry station. MSL. (USC&GS 6)	237.3
SLOVAC. See Zion Church. (USGS 211)	
SLOVAC. NW cor of yard of white frame church, 45 ft S and 30 ft E of center of crossroads, 3 ft from cor fence post, in top of concrete post; bronze tablet stamped "No. 24 W 1928", also "220." MSL. (USGS 211)	219.659
MSL. (USC&GS 16)	219.649
SLOVAC. 2,000 ft S of; 44.5 ft E and 62 ft N of center of SLSW Ry and St Hwy 11 crossing, 5 ft S of telephone pole, 5 ft W of fence, 250 ft E of SW cor of sec 5-T1S-R5W, driven flush with top of ground; top of Ford axle. MSL. (USGS 211)	218.11
MSL. (USC&GS 16)	218.107
SLOVAC. Top of rail opposite SLSW Ry milepost 244. MSL. (USC&GS 16)	216.4
SLOVAC. 1 mi N of; along St Hwy 11; 60 ft N and 63 ft E of center of crossroads, SW cor of sec 31-T1N-R5W, SW cor of concrete foundation of old motor; chiseled square. MSL. (USGS 211)	217.95
SLOVAC. Top of rail opposite SLSW Ry milepost 245. MSL. (USC&GS 16)	217.1
SLOVAC. Top of rail opposite SLSW Ry milepost 241. MSL. (USC&GS 16)	222.8
SLOVAC. 1.25 mi S along SLSW Ry, about 12.5 poles N of milepost 242, 25 ft N of c/l of section line grade crossing, and 48 ft W of c/l of track. Standard disk, stamped "G 14 1932" and set in top of concrete post. MSL. (USC&GS 16)	219.133
SLOVAC. About 1.5 mi N along SLSW Ry, 51 ft N of rd crossing, and 48 ft W of c/l of track. Standard disk, stamped "H 14 1932" and set in top of concrete post. MSL. (USC&GS 16)	214.816

Name and description	Elev. ft.
SLOVAC. 2 mi N of; along St Hwy 11, 35 ft S and 30 ft E of T-rd E, 4 ft N of telephone pole, NW cor of sec 31-T1N-R5W, driven in ground; top of Ford axle. MSL. (USGS 211)	214.38
SLOVAC. Top of rail opposite SLSW Ry milepost 246. MSL. (USC&GS 16)	213.8
SLOVAC. 3 mi N of; 7.5 mi S of Hazen, along St Hwy 11, 33 ft N and 33 ft W of center of T-rd W, SE cor of sec 24-T1N-R6W, top of concrete post; bronze tablet, stamped "No. 25 W 1928", also "212." MSL. (USGS 211)	212.331
SLOVAC. Top of rail opposite SLSF Ry milepost 248. MSL. (USC&GS 16)	215.4
SLOVAC. Top of rail opposite SLSF Ry milepost 249. MSL. (USC&GS 16)	215.9
STINEVILLE. Station. (CRI&P 245)	195.
STUTTGART. Arkansas Co. F 14. In Prairie Co, about 6 mi N along SLSW Ry from Stuttgart, about 8 poles N of milepost 239; 65 ft W of c/l of track and 25 ft S of c/l of sec line rd. Standard disk, stamped "F 14 1932" and set in top of concrete post. MSL. (USC&GS 16)	211.971
THOMAS. Station. (CRI&P 245)	219.
TOLLVILLE. Station. (CRI&P 245)	223.
ULM. Station opposite center of; top of N rail. MSL. (USGS 175)	209.6
ULM. Station. (SLSW 246)	229.80
ULM. 81 ft S of center of SLSW Ry track, 330 ft NE of Ulm station, opposite rd crossing, 250 ft N of house, in N root of 36-inch oak tree; copper nail and washer. MSL. (USGS 175)	205.40
ULM. Lat 34°34' 23.762"; long 91°27' 42.236". Mark is center of top of brass cap on iron pipe, set in concrete; on right of way of SLSW Ry; on S edge of NW¼ sec 32-T1S-R4W; in the NE cor of yard around RR section foreman's house; and approximately 25 ft NW of c/l of track at trestle 513. USED K-14-14 MGL. (USE 35)	207.236
Reference Mark. Center of top of cap on 15-inch	

Name and description	Elev. ft.
iron pipe, set in concrete, on right-of-way of SLSW Ry; about 500 ft SW of section house; near whistle board; 25 ft NW of c/l of track, and approximately 575 ft SW of K-14-14.	
Note. This mark was set in 1931 and is a portion of a tape and transit traverse line between Roe and Ulm, on a line from Roe to Pine Bluff, Arkansas.	
ULM. 0.5 mi N thence 1 mi E of SE¼ cor sec 29-T1S-R4W, 15 ft N of center of Hwy 3, top of concrete culvert; chiseled square. MSL. (USGS 175)	208.13
ULM. 0.54 mi SW of; along SLSW Ry right-of-way, 99 ft N and 66 ft E of center of rd crossing 20 ft N of N rail, top of concrete post; bronze tablet, stamped "No. 44W 1929" MSL. (USGS 175)	206.479
ULM. 1 mi S of; 30 ft S and 21 ft E of center of crossroads, 2 ft W of cor fence post; top of iron pipe driven in ground. MSL. (USGS 175)	215.52
ULM. 1.75 mi SW of; 200 ft SW of milepost 228-0; 50 ft NW of c/l of track where St Hwy 3 joins RR; on fence line; Ford axle and gear, painted 213-7. MGL. (USE 35)	214.404
ULM. 2 mi S of; 70 ft E of center of rd; near two wooden culverts, 250 ft S of fence running E,W root of 12-inch pin oak tree; copper nail and washer. MSL. (USGS 175)	204.57
ULM. 2.5 mi N and 3 mi E of; 21 ft W of center of St Hwy 3, about 500 ft N of two wooden culverts, top of concrete culvert; chiseled square. MSL. (USGS 175)	196.97
ULM. 2.75 mi SW of; 400 ft NE of side rd; 100 ft NE of milepost 229-5; 70 ft SE of c/l of cut. MGL. (USE 35)	212.594
ULM. 3 mi S of; about 0.5 mi N of gravel hwy. 12 ft S and 20 ft E of center of T-rd E running along fence E, 3 ft S of cor fence post, top of concrete post; bronze tablet, stamped "No. 45 W 1929." MSL. (USGS 175)	205.658
ULM. 1.5 mi N thence 2 mi E of; 0.25 mi N of SE cor sec 21-T1S-R4W, 2 ft N and 48 ft W of rd and RR crossing, on SLSW Ry right-of-way,	

Name and description	Elev. ft.
top of concrete post; bronze tablet, stamped "No. 43 W 1929." MSL. (USGS 175)	207.176
ULM. 3.5 mi S of NW cor sec 20-T2S-R4W, 30 ft S and 27 ft E of center of gravel hwy and rd N and S jog in gravel hwy, near cor fence post; top of Ford axle driven in ground. MSL. (USGS 175)	203.68
ULM. T1S-R5W, cor secs 23, 24, 26, and 25, 25 ft S of center of T-rd N, at; in concrete post; standard tablet, stamped "12 J 1934" marked "USPBM 211.4." MSL. (USGS 175)	211.331
ULM. T1S and 2S, RS4 and 5W, 34 ft N and 32 ft W of center of T-rd W at W cor of secs 1 and 36, 11 ft N and 1 ft E of cor fence post, in top of concrete post; standard tablet, stamped "13 J 1934" marked "USPBM 214.4" MSL. (USGS 175)	214.250
ULM. T1S-RS4 and 5W, 420 ft S and 30 ft E of E cor secs 25 and 36, in root of W side of 30-inch oak tree; copper nail and washer, marked "USBM 207.8." MSL. (USGS 175)	207.68
ULM. T2S-R5W, in SW¼ of NW¼ of sec 12, 460 ft NE of private rd N to farmhouse on NW side of St Hwy 3, top of headwall of concrete culvert; chiseled square, marked "USBM 212.2." MSL. (USGS 175)	212.05
ULM. T2S-R5W, about 1,350 ft N of cor secs 11, 12, 13, and 14, 3 mi NE of Stuttgart along St Hwy 3, 45 ft N and 10 ft E of center of crossroads, on top of end of concrete drain pipe; chiseled square, marked "USBM 215.5." MSL. (USGS 175)	215.38
ULM. 2 mi N and 2.5 mi E of; 20 ft N of center of Hwy 3 (Hwy leaves RR) top of concrete culvert; chiseled square. MSL. (USGS 175)	203.77
ULM. 4.5 mi S of; 5 mi E of Stuttgart, SE cor sec 19-T2S-R4W, 24 ft N and 27 ft W of center of crossroads, 3 ft NE of cor fence post; top of Ford axle driven in ground. MSL. (USGS 175)	204.85
ULM. 3.5 mi N and 3 mi E of; NE cor sec 15-T1S-R4W, 27 ft S and 39 ft W of center of crossroads, 4 ft S of cor fence post, top of concrete post; bronze tablet, stamped "No. 42 W 1929." MSL. (USGS 175)	206.858
ULM. Top of rail opposite SLSW Ry milepost 243. MSL. (USC&GS 16)	222.0

Name and description	Elev. ft.
VABY. Village. Est. (MRC 158)	213.
VEITS. Station. (SLSW 246)	218.00
VEITS. Est. (AGS 300)	225.
WILLIARD. Est. (USED 56)	190.
YUMA. Station. (CRI&P 245)	195.
ZION CHURCH. On Lonoke-Prairie Co line; 6.5 mi S and 3 mi E of; 66 ft N and 75 ft W of center of crossroads, 4 ft S of SE cor of church, in top of concrete post; bronze tablet, stamped "No. 49 W 1929," painted "214.6," also 215. MSL. (USGS 211)	214.754

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